From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: QLF%mimi@magic.itg.ti.com
Subject: [11642] "TATTOOS"
Message-ID: <9702111443.AA09390@itg.ti.com>

From: Brad Bradfield   QLF

Subj: "TATTOOS"

Randy sent:

>Nils burning his finger on the FET reminds me of
>all of the "tattoo's" I've received over the years
>from one HOT part or another. Like the CMOS gate
>chip that decided to "crowbar" at power up.
>...Lets see.... I smell something heating up...
>...CMOS isn't supposed to run that way...
>...wonder which chip it is...
>...YAAAHHHH!!!... (I found it!)
>Then for the next week I had "CD4049" (or whatever)
>neatly lettered inside a perfect rectangle on the
>fat part of my thumb.

Morning guys and gals - -

Sorry but I couldn't let this chance go by to tell y'all about one of my earlier tattoos, in another life maybe.

When I was in high school (early 60's) I had a pinball machine in my basement. Now if you've never worked on an old pinball machine you've missed one of lifes little pleasures. Tons of relays, solenoids, and other electromechanical (read that "mostly mechanical") devices. This machine had a huge power transformer to provide power for the relays and solenoids. Most of the relays had 6VAC coils, but the solenoids were mostly 24VAC. The transformer was probably good for 15 amps or so on both those windings. Well, one day I was reaching into the pinball machine to troubleshoot or some such thing, and my Twisto-flex(R) watchband got across the coil terminals of one of the relays. Instantly welded about four links of the watchband together and to this day I think you can still find the burn scar on my wrist. Learned a little about arc welding that day! Also learned why you always take your watch and other jewelry off when troubleshooting hot circuits. In the Navy I was always cautious to take my dog tags off when working inside anything. A 20KV radar power supply would do short work on your dog tags and thus your body.

 . . . . Now back to your regularly scheduled Bull (Nils that is) session . .

72's es 73's,

Brad, WB0CGH
****
Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 972-462-6230 (Soon to be: Raytheon/TI Systems)
Real men talk with their fingers!

QLF@MSG.TI.COM
WB0CGH@WO5H.#DFW.TX.USA.NA
ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72
Collector of wireless and landline Morse keys and accessories.
****

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [11660] 102 ft dipole on 30m

I've gotten some questions on this one. It is not the 102 ft dipole
that doesn't work on 30m. It is the G5RV 27.7 ft "matching section"
that doesn't work on 30m. For those of you using ladder-line all
the way to the shack, there is no reason why the 102 ft dipole won't
work on 30m. Without the G5RV "matching section", 30m is just another
band for a 102 ft dipole.

73, Cecil, W6RCA, OOTC

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: jim hale <kj5tf@mctc.com>
Subject: [11593] 38 Special Freq coverage mods
Message-ID: <32FFD2D9.2393@mctc.com>

Thanks to Dave Fifield KQ6FR for his posting on QRP-L 632. I was able to
find a 20K trimmer pot and set it for 12K then soldered it directly to
the tuneing pot wiper & ground #17 & 18. This evened out the freq
coverage FB!
Also this AM I put a jumper across R24 & have so much audio I can run a
speaker! A sin I know, but I had to try it.
Today I worked NR5A in South Dakota, and CO8LY in Cuba! A great day for
DX!
        We're sure having fun now! TNX NorCal! 72/3'z de Jim

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: k5id@inetp.net (Kenton E Graham)
Subject: [11668] 38s alignment
Message-ID: <199702111702.LAA22656@inetp.inetp.com>

Hi Gang- Regarding Alignment of your 38S:

If you found, as I did, that the best tuning for TC1 or TC2 is with the tiny dot on the adjusting screw FARTHEST from the flat side of the capacitor, that is minimum capacitance, and is an indication that a turn might be removed from T1 secondary in the case of TC1, or L2 in the case of TC2. In my case, both required removal of a turn for best results.

BTW, the suggestion of using a swr indicator and antenna tuner (tuned carefully for 10.115 on another rig) is very helpful during the adjustment of tc2.

Regards, Ken K5ID

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Len W. Touth" <len@infinet.com>
Subject: [11700] 38s - Drifting continues
Message-ID: <199702112117.QAA07768@mail1.infinet.com>

Hi gang.

Any of the tech gurus out there want a wack at this one.

The lil rig is still drifting on xmit. I have tracked it with the freq. counter and it is walking up about 2-3 kc from initial keying. It takes about 5 to 10 seconds to drift up and then seems to stabalize at the higher freq.

Just had a QSO with VE1HFV (Andrew in Kentville, Nova Scotia). He reported the same drift. I have had the rig on since yesterday afternoon.

Thanks in advance guys.

Best 72/3
Len
KG8SF

len@infinet.com   kg8sf@key.com

QRP-L # 841   CQrp # 2   ARCI # 9025   FISTS # 2134

       CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp
           Web Page: http://www.infinet.com/~len

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
Subject: [11625] 38s additional filtering?
Message-ID: <199702110557.AAA20977@aus-d.mp.campus.mci.net>

Has anyone added the additional i.f. filtering to the 38s? Reports?

Rich Dailey - KA8OKH <ka8okh@som-uky.campus.mci.net>
qrp-l #933 ars #223
If you push something hard enough, it will fall over - Fudd's law
---

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [11714] 38s mod:more filtering (long)
Message-ID: <1997Feb11.181929-0500@[130.113.234.7]>

A 38S mod for better sideband rejection & filtering.

This isn't a better crystal filter. But it should improve
the sideband rejection, because it moves the peak of the
audio filter up in frequency, allowing a larger frequency
difference between the desired sideband and the undesired
sideband. And this mod has steeper filter slopes too, so
undesired signals should sound weaker.
     Ori's original design is set at about 590 Hz. Some
will find this frequency a little low, others will find
it just fine. This mod moves the design up close to one
kilohertz. Some may find this too high.

There are three things that have to be done to the 38s to

move the design frequency up to 1 Khz:
(a) The sidetone frequency has to go up.
(b) The peak in the audio response has to move up.
(c) The TX/RX shift in U3's 12 Mhz BFO oscillator has to be widened.

(a)The sidetone shift:
    This is pretty easy. The frequency of the audio sidetone is set by C31 and R16. Adding some resistance in parallel with R16 will raise the sidetone frequency. About 100K in parallel with R16 will raise the sidetone frequency to about 1 Khz.
    If you're using the TiCK keyer sidetone, sorry, it can't be shifted. You're stuck with 650 Hz.

(b) Audio response peak shift:
    This one is more difficult, because some parts have to come out, and replaced with others of different value. But no traces need be cut, so its not too bad. All the parts substitution involve U5B, the bandpass filter. Ori's original design comes out with a gain of 32, center frequency of 589 Hz, and Q of 6.1
The new component values change the bandpass filter to a gain of 34, center frequency of approx 1 Khz, and Q of 6.2

Component	Old value	New value
R21	510	680
R22	390	390 Hey, its the same!
R23	33k	47K
C35	0.1uf	0.047uf
C36	0.1uf	0.047uf

In addition, anyone can improve high frequency rolloff by substituting the old C14 value from 0.01uf to 0.1uf. This is a good idea, even if you've staying with ORI's original filter. And you can replace that big 22uf capacitor @ C15 with a 0.1 uf capacitor as well, to give you better low frequency attenuation.

For even more filtering, see the mod to U5a below.

(c) The TX/RX BFO frequency shift:
    The BFO local oscillator, inside U3, switches frequency every time the key goes down. D6 shorts out C21, decreasing the BFO frequency by about 600 Hz. We now want to have a frequency change of about 1000 Hz. This gets a little tricky, because we also want this

BFO frequency to be offset from the I.F. crystal filter by about 1000 Hz while receiving (perhaps a bit more).

See if you can follow this:-)

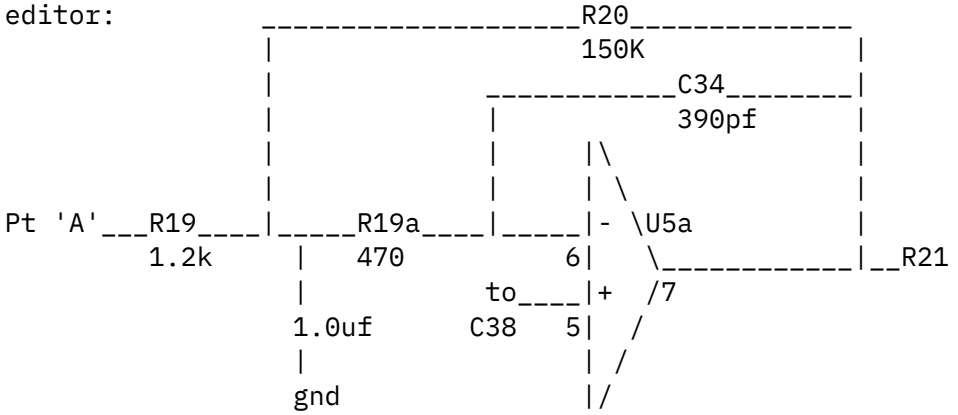
Ori's first mixer inverts sidebands. He's designed the relationship between the I.F. filter and the BFO frequency so the BFO is above the I.F. (remember, this oscillator shifts down while transmitting). So, at the I.F. frequency, the lower sideband is stronger than the upper sideband. But since the 1st mixer inverts the sidebands, @ 10.116 Mhz, the upper sideband seems the strongest (I hope). Whew!

To get better sideband suppression, we want to move the BFO further above the I.F. center frequency, at least while the rig is receiving.

That means we should make C21 smaller. You might want to replace C21 with a 50pf trimmer capacitor so you can tune the BFO shift (between TX and RX) to exactly 1000 Hz. I've been playing with xtal filters, and getting a narrow bandwidth is tricky...a new xtal filter may require more diddling with BFO transmit/receive frequencies. Smile, you're done.

OK, had enough yet? Having fun yet? No? You ARE a glutton for punishment, read on, else you can stop here.

U5a is a simple gain stage with a simple one-pole low-pass filter that cries out for enhancement. But this will require some printed-circuit-board surgery, and some jumper wiring on the bottom of the board. Not for the faint-of-heart. This mod will enhance U5a into a 2nd order low-pass filter, with a nice peak at 1 Khz. You may end up with too much gain here, since the peak response is about 3 times the low-frequency gain. Hope you can see this ascii schematic. Turn off your proportional-spaced fonts, or dump it into a dumb text editor:



Notice that there's a new resistor (R19a, 470 ohm) and capacitor (1.0uf). Some trace cutting will be necessary to include R19a into the original circuit. Surface-mount components were used in my rig. All mods can be done to the bottom side of the board.

Have tried this filter, and improved out-of-band rejection is noticeable, but still could be better. Once again, the required PCB surgery around U5a takes some planning and dexterity.

Glen VE3DNL leinwebe@mcmail.mcmaster.ca

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [11647] 38S STILL SICK
Message-ID: <9701118556.AA855680985@smtpgw.ccgate.dl.nec.com>

Folks:

Thanks to the many helpful suggestions on getting my 38S tuning range spread out more.

Still only getting 1kHz tuning range. Replaced L1, so know it's good. Re-checked all the caps in the tuned circuit, all values correct, I'm assuming the parts are good.

This leaves D3 and the 100k tuning pot. I've noticed the odd behavior of the pot in that it does nothing for the first 1/3 turn, then has a little tuning effect the rest of the shaft rotation. I'll measure the voltage on the pot and see if that's irratic. I think D3 is ok, at least doing a forward/back check with the ohmmeter looks good. This one really has me banging my head.

I'll do these few remaining things before I panic!

73 de Dave NR3E
nr Dallas, TX
qrp-l #25, ARRL

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Len W. Touth" <len@infinet.com>
Subject: [11629] 38s-direct to M.Gipe
Message-ID: <199702110639.BAA07584@mail1.infinet.com>

Sorry Gang-
False info.
Mike's Mod was evidently never posted to to the MOD list at NORCAL - I had faulty information. I have Mike's email and will go direct.

Sorry for the bandwidth.

Len

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Len W. Touth" <len@infinet.com>
Subject: [11627] 38s: Pin Switch Mod - what happened to it?
Message-ID: <199702110630.BAA06858@mail1.infinet.com>

Howdy guys.

I was considering doing Mike Gipe's Modification to PIN Switch to see if it would help the thumping. Sounds like a solution to me.

I noticed that it has been removed from the NORCAL mod list. Anybody know why?

Luckily, if it is a fairly gud solution, K8IDN may have a copy.

Anybody have any ideas here?

Best 72/3
Len
KG8SF
len@infinet.com   kg8sf@key.com

QRP-L # 841   CQrp # 2   ARCI # 9025   FISTS # 2134

       CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp
           Web Page: http://www.infinet.com/~len

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Len W. Touth" <len@infinet.com>
Subject: [11622] 38s: Thump revisited
Message-ID: <199702110526.AAA00405@mail1.infinet.com>

Hi Gang.

I may have missed a crucial posting.

Did we solve the thumping problem some 38s rigs have? Just wondering if
I missed it.

PSE ADVISE if a cure MOD has been found. Thanks.

Best 72/3
Len
KG8SF
len@infinet.com   kg8sf@key.com

QRP-L # 841   CQrp # 2   ARCI # 9025   FISTS # 2134

       CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp
           Web Page: http://www.infinet.com/~len

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: aa7hq@aa7hq.seanet.com (edward c. guilford)
Subject: [11620] agreements
Message-ID: <199702110512.VAA20684@mx.seanet.com>

some on this net maintain that i may NOT transmit rtty on 7040, due to
an "agreement". if there really is such an agreement, i for one would like to
know exactly what it says, who agreed to its terms, and when it was
put in place. where may i obtain a copy of this "agreement"? 73 de ed.

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997

From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [11649] Amadon's Web Page
Message-ID: <jennings-9701111514.AA000428426@eng16>

Hello,
I got this off the vhf mailing list and thought
it may interest everybody:

> This is an informative web site based on the Amidon Catalog. Click on the
> Technical reference.
>   http://www.bytemark.com/amidon/index.htm
>
> Steve NJ6J

73,

Tom, kv2x

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: NilsBull@aol.com
Subject: [11636] And furthermore: recent discoveries about transistors
Message-ID: <970211055618_1711547859@emout02.mail.aol.com>

Since I'm in some kind of holding cue for AOL to let me get my mail (flash dance), I'll explore some possibilities...

First off, I replace the 74HC240. Easy part. Socket.

I remove Q2. I take out the jumper across C101. I check the stuff around the transistor, resistor values +c. I turn on the radio & got a signal on the Argosy. Weak. But a signal. I can tune it two places with TC2. Everything is cool...

BUT... neither the wattmeter in the antenna tuner nor the ol' fashioned SWR meter (with the sensitivity pot turned up all the way) would register anything on the output. Now this is with no Q2 & everything set to stock, cut foils jumpered +c.

So I put Q2 back in, along with the drain choke. I remove the jumper from the foil what gets cut in the QRO mod. But I do not jumper C101. NOTE: I do not jumper C101's place because, when I do, Q2 gets very hot all by its self.

Keying the transmitter makes no difference. It gets so hot that I have a new ironed out spot on my thumb again.

Now, here's a funny spell: If I jumper C101, Q2 gets hot. When I key the tx, there is no noticeable change in signal strength on the Argosy. So off comes the jumper. In goes a .47 uf and keying the transmitter makes no diff, but Q2 cools off.

Take the board out of the line up jig. Check the holes. Meter everything between 74HC240 and the QRO circuit. Check the cut foils. Check the transistor. Put in a wire "switch" jumper at C101. Back to power and same deal. But when I put the RF probe in the vanes of the heatsink for ol' Q2 AND jumper C101, instant 5 watts on the meters. (Remember: no meter movement so far.) Take the probe off the heat sink and NO wattmeter METER movement. Weird.

Out of the line up jig. More continuity tests. Back on the jig. Now powered up, no jumper on C101. Jumper C101, key the tx, NO PROBE ON heat sink, 5 watts on the watt meters. Remove jumper, key: nada. Transistor is cool. This is getting nutty...

Replace the jumper with a 1 k resistor. Meter says 10 watts. Replace the jumper with 10 k Ohm resistor. Meter say almost 5 watts. Leave 10 k resistor in place. Transistor is nominally happy. It doesn't get as hot as quick. But still, I'm thinking...

If R104 (10 Ohms) were to be swapped into the position of C101 and replaced with a 1k, would the transistor run cooler. And, more importantly, why is the transistor getting so hot all the time. It certainly can't be getting keyed up (unless U4 is cranking out stuff while it's sitting around waiting to transmit. And if it did that, wouldn't I hear it in the headphones of the receiver side?). And when I measure the resistance from the high side of R102 to ground, it's about 20 ohms... which shouldn't be, unless R104 and Q2 amount to 20 ohms resistance. I don't get it. Very weird.

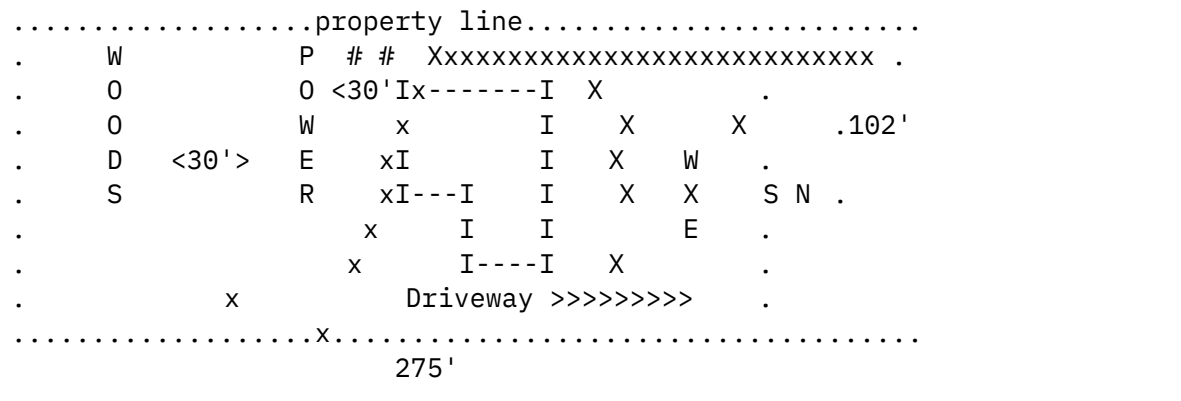
Hints? Kitchens? Fish? A chicken? What's the deal here?

73
Nils
WB8IJN +c
... some are really engineers. the rest of us wear the hats and oil the journal boxes....
.... And one final note: as of 9 pm on Tuesday, Q2 had shorted out completely. Ain't no more foils on that part of the board to burn off. Back to real QRPp now, eh?

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Paul R. Valko" <prvalko@oakland.edu>
Subject: [11684] Antenna Problems...
Message-ID: <Pine.OSF.3.95.970211142654.9251C-100000@saturn.acs.oakland.edu>

On Tue, 11 Feb 1997, Bob Follett wrote:

> Have you ever thought of replacing your antenna? I know that sounds dumb,
> but there has gotta be a reason for your inability to work out West.



I sent this message to myself first to see if it would look OK. It looks
fine on my UNIX pine mail, I hope it is OK in whatever you use...

This is a very rough aerial view of my house and property.
The "x" mark the path of my "dipole" it is up 45' in the center
and slopes down to 15' on the ends. Large "X" mark really big trees that
have branches intertwined with nearby trees! (You can NOT get an antenna
through or over them!)

The property is HEAVILY WOODED. There are over 100 trees on the
North side of the house and along both West and East Property lines.
The POWER is a Detroit Edison 13Kv line that "feeds" our 100 home
subdivision. The power corridor is free from trees (of course).

There is an open meadow (wetlands) beyond my south property line and
woods.

Comments welcome, but without seeing the extent of the trees it would be
difficult to make suggestions. I have thought about running a wire under
the power lines and into the woods/meadow but I'm reluctant to do that
given the 13Kv line.

73 =paul= w8kc

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [11716] Anti-static Wrist Straps
Message-ID: <3300FCEF.58BA@mtechnologies.com>

Further to my last, and after a couple of queries [g], these things
are complete-- there's a self-adhesive wrist-band, the lead itself
(basically a paper ribbon with embedded conductor), the high resistance
segment, and a copper foil pad to stick to some convenient grounding
surface.

73
Marshall
AA0XI

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Stephen Hawkins <sjhawk2@PacBell.COM>
Subject: [11675] Cmos SK II v III
Message-ID: <1.5.4.16.19970211175717.22a7acd0@atlas.bsrn2420.pacbell.com>

Gang,

A couple of years ago I built the CMOS Super Keyer II. What are the
differences between the II and the III.

Thanks Steve WV6U sjhawk2@pacbell.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
Subject: [11602] colorburst tx
Message-ID: <199702110205.VAA04749@aus-f.mp.campus.mci.net>

Someone made reference to a colorburst transmitter schematic that
was available for an sase. I've lost that post. Could someone send
me that info again?
Also interested in any other colorburst tx/rx info.

... rich

Rich Dailey - KA8OKH <ka8okh@som-uky.campus.mci.net>
qrp-l #933 ars #223

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [11618] For Sale
Message-ID: <32FFFBE2.7835@earthlink.net>

All Items on my previous For Sale list have been spoken for! Thanks
to the group, my Excess Good Stuff has found new homes.

73,
Ken, N6TZV

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [11644] For Sale OHR WM-1
Message-ID: <1.5.4.32.19970211145739.006c417c@adsnet.com>

For Sale: 1-OHR WM-1 QRP wattmeter in excellant physical and electrical
condition with all documentation. $68 PPD CONUS. If I get more than one
interested party I'll throw names in the hat and draw later this afternoon.

72/3 de Allen Jones, W9DZ
Michigan City, IN
ajones@adsnet.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [11686] Four days in May info?
Message-ID: <19970211.143825.4847.3.KD1JV@juno.com>

A freind of mine sent in reservation money for the "Four days in May" QRP
forum at Dayton. Problem is he forgot who he sent the check to and never
got confermation. Anyone know who is handling this? email address?

Thanks,

Steve, KD1JV

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "William R. Colbert" <V31XE@dzn.com>
Subject: [11607] fox
Message-ID: <3300003F.3867@dzn.com>

Boy, Paul, your signal was almost in the imagination for a while, then near the end of your run, came up to S-3 or 4. Good show, heard lots of fellows calling you. hope you worked lots. Lots of fun.
--
Ray Colbert, W5XE, SOWP 1064M, FISTS 2146
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11682] Fox Standings Feb 11th
Message-ID: <199702111914.TAA18156@chuck.dallas.sgi.com>

Foxhunt Current Standings February 11, 1997

The Big Game!!!!   CA-20 TX-19

     Fox Scores

CALL	CONTACTS	STATE	TOTAL POINTS
K2NF	59+47	FL	106
W5FN	50+56	TX	106
AE4IC	53+48	NC	101
NQ7K	37+49	AZ	86
W8RU	47+37	MI	84
AB5OU	37+46	NM	83
N2VPK	36+42	NY	78
W0CH	49+24	MO	73
WO3B	29+36	MD	65

KS4L	38+21	AL	59
AB7TK	22+21	ID	43
N8VAR	23+18	OH	41
KF2PH	12+20	NY	32
W8KC	11+15	MI	26

W5TFB	77	TX
KU7Y	57	NV
N6GA	56	CA
W1HUE	55	ID
N9DD	40	IN
N6WG	36	CA
AA1IK	30	NH
N2TNN	29	NJ
KA5DVS	25	NJ
AE9K	23	WI
WA1GUV	21	VT

Total Qs = 1,200+

Novice and Tech+ Scores

KB0ROL	12+ 9+11+ 18+ 4+ 6+ 4	CO	64
WA7SSA	7+ 5+ 3+ 14+13+10+ 2+ 9	ID	63
KB9JLO	12+ 9+19+ 8+ 5	IL	53
WD4MSM	5+ 5+ 9+ 3+ 3+ 5+ 4+ 2	IN	34
KB9LGJ	11+ 3+ 5	AZ	19

Total Novice/Tech+ Qs = 233+

Note: X.5 means X regular foxes and .5 means one Novice(5 pts)
so that score is X+5. Only one Novice per non-Novice stn.
So 3.5 means 3 regular and 1 novice for total of 4 contacts,
but 8 points total. Only one Novice contact allowed for
for the five points for the season for stations other than
Novice/T+.

Hunters Scores (and it's a close race)

Leader of the pack is: (27.5) NQ7X Floyd in AZ

AA0XI(23.5) WO0Q(14) W0CH(6.5) WB0CLD(5) AB0CD(5.5) KI0G(4.5) AA0XZ
KQ0I WA0FGV NI0A(15.5) K0EVZ(7.5) WA0RPI(2) KD0SU(4.5) KB0VCC(3)
AA7OA N0TFI KB0PJ N0UR(2) AB0DC K6QD W0HEP(1.5) KB0YMI(0.5)
WA1GUV W0SS KB0YBX(0.5) NG0M(0.5) N0UVR(0.5) K0FRP(1.5) WB0CGH

NO1E KB0ZDF W0RW(0.5)

K1MG(22.5) W1HUE(17.5) AK1P(9) WA1QVM(7.5) N1RXT(3.5) KA1AXY(8.5)
N1QQV(8.5) KC1GS W1UI(0.5) AA1MY(7.5) KC1FB(6.5) K1OJ(10.5) WA1UPB
W1EAT N1UMA NT1U(2) WA1VPB K1CL(2) AA1PD WY1W AD1E

AA2WJ(13) AA2PF(8) N2GO(5) WZ2T(3) N2VPK(9.5) K2VNM(8) N2YRJ(3) N2TNN(5)
K2NF KG2DP KF2PH(2.5) N2TO W2DP(2) K2VCO(9) W2NRA N2CX W2UX AA2ZW
N2OFG KG2H K2LGJ

K3ETS(2.5) N3SLR N3KFL W3PNL(4.5) KA3WMJ(3.5) WO3B(6.5) KT3A NR3E(5)
W3WZ(3.5) KV3NX AA3MD NF3I(1) KA3WMJ(2) K3QIO(3) NR3Z W3DW(1.5)
N3GO AA3KR

KE4YH(29.5) AE4IC(12.5) WB4ZKA(4) W4STX(2) KS4L(3) KE4KDT(1.5) AD4ZE(4)
WJ4P(5) K4CGY(2) KK4KF(7.5) N4SO(9) KI4JA NR4N(1.5) N4EUK(0.5)
KS4HQ(0.5) K4PQC(2) KS4V KQ4AL N4IM(3) KC4O(5) WX4P(3) AE4MX W4MO
AB4RR KD4OBQ(2) AE4VQ N4JS(3) K4WZ(3.5) KD4SJM(0.5) KO4A KE4WQH(2)
N4BP KU4AF W4HFU N4PA K4QE KF4KRV(0.5)

W5FN(30.5) KK5RO(28.5) N5ET(19.5) AB5UA(27.5) W5TFB(20.5) AB5OU(20.5)
K5WO(9) K5UP(14.5) K5ZTY(16.5) KK5MC/5 WA5WHN(2.5) AC5II(10.5)
N5JKY(10) K5FO(7.5) WB5QYT(4) W5VBO(3) KK5GJ(1.5) K5RV(12)
W5HNS(10.5) WA5CVM AC5CI KA5DVS(2) NA5N(4) KA5T(15.5) WD5GKH
K5ON(12.5) KB5YVT N5LU(16) KE5TF(12) N5ALO(2) KE5FT KJ5SP(3)
K5JHP(9) WB5J K5MO KC5RO(4.5) W5CTZ KJ5VW(6) W5XE(8.5) KK5NA K5JP
K5ID(3.5) NA5K(2) AB5ST K5PSH W5SST WA5YFY K5LE(3) KO5W(1)
W5QJM KC5VYE(0.5) K5ONF WB5GWB AF5Z W5APX

W6BAB(23.5) KK6MC(11.5) N6WG(15.5) KQ6AG(4) KI6DS(3) WA6NAE(11.5)
W6ABX KO6KA(12.5) KI6SN(2) KD6ZMJ(3.5) WA6MOK(0.5) K6VNX(17.5)
WA6HHQ(8) AA6R(4.5) WA6OWR W6EMT(6) N6GA(2) AC6KW WA6GER(2.5)
W6EMD(5.5) WB6LMA(0.5) KI6OY(7.5) N6XU(32.5) N6KR(2.5) W6ZH(22)
W6SI WA6EIW W6KAK K6JI(6.5) N6MM(15) W6SU(18)
W6JHB(3.5) WD6FDD(2) W6SIY(1.5) W6ZOH N6VZ(3.5) N6XI KD6YIX(2)
WA6PBY W6KI WA6TLA

NQ7X(33.5) KK7BD(25.5) KU7Y(19.5) AB7TT(15.5) N7GS(15.5) NQ7K(16.5)
AB7ST(12.5) KI7MN(8.5) N7KT(11.5) WW7Y(4) N7MFB(3) WB7DUO W7JDZ(7.5)
AB7HI(2.5) KJ7NS(3) AB7OA W7SNV(2) N7CQR(2) AB7MY(4.5) N7MFB KJ7LB(0.5)
W7LR KJ7UN(1.5) AL7FS(1) KE7IT(2) N7CTJ(3.5) AA7QU(3) W7GVN(9.5)
W7FXH(0.5) W7KXB(4.5) WJ7H AB7TK(12.5) KJ7ZU(0.5) KC7SYL(0.5)
WA7LNW K7TP W7GUN(0.5) KI7NS(1) KG7PV KE7X KA7YOU W7GH W7LYO
KC7PGO(0.5) AA7ST

W8DN(11.5) WA8CDU(9.5) W8KC WD8LDY(2) W8EO N8VAR(4.5) N8CQA AC8W(7)
KF8EE(3) WD8KQY W8LRM WA8CDV K8BVJ(1) K8IDN K8DD KB8GDF(0.5)
N8OEF WA8GHZ W8BDR

KB9IUA(11) NN9K(12.5) W9DZ(9) N9DD(12.5) WA9PWP(11.5) NY9B(3) AE9K(3)
W9UQB(3) N9RYI WA9YLB(2) WB9LEF N9HH(5.5) N9SSG WB9LKC(2) W9JIF
W9ZSJ WD9CTB N9XVZ K9HBY WJ9B

VE3JC(9.5) VE7SL(11.5) VE7CQK(5.5) VE3SP(5) 8P9BM(1) VE5RC(2)

Novice Stations working foxes - these count in separate class of prizes.
Let me know if you are N/T+ and have worked a fox and I put you in the
above grouping by mistake.

WA7SSA(6) KB0ROL(2) N0PMY(2) KB9LGJ(1) KB0SJY(1)

SIG
Chuck Adams K5FO/6 adams@sgi.com DXCC=8
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [11651] Foxhunt: W8KC Results and Story!
Message-ID: <Pine.OSF.3.95.970211084259.6385A-100000@saturn.acs.oakland.edu>

I think I managed to secure my position of last place in the 1996-1997
Internet Foxhunt with yet another dismal showing.

It was not a pretty sight/sound, when I clicked the Corsair to life and
heard the S5 noise level. I warmed up with a quick QSO with K4ZD in GA,
prior to the foxhunt. Started calling CQ right at 0200Z on 7.036ish.

Q	Time	Call	snt/rcv	ST	Name	QRP-L#/Comment
1	0201	KE4YH	449/569	FL	Stew	590
2	0206	K1OJ	449/449	TX	OJ	(Everyone knows OJ did it)
3	0210	WA9PWP	339/459	WI	Paul	(nice to hr u on HF!)
4	0211	K5ZTY	579/579	TX	Bill	473
5	0214	N6XU	569/559	CA	Stan	(how big IS a 3el 40M beam?)
6	0217	NQ7X	339/339	AZ		343 (thanks for sticking in there)
7	0219	AB5UA	449/229	OK	Cliff	478
8	0221	K5ON	559/539	NM	Gary	770
9	0225	W5FN	559/559	TX	Tim	586
10	0228	K4WZ	579/579	GA	Ron	5 Watts
11	0234	WA6TLA	229/339	CA		(that was a toughie!)
12	0235	W5XE	229/219	TX	Ray	256
13	0250	W5FNS	579/239	TX	Henry	5W nr 78?

14 0335 N8OEF 559/239 MI   Val 5w (a local friend, 38spl owner!)
15 0350 K4QE 569/569 FL   Walt See Notes!

Notes:

The QSOs dropped to about ZERO after the first half hour! I was doing quite well until then, even WITH the hellish noise. The noise COMPLETELY disappeared at 0325, and the band was quiet with many signals. I moved around a bit, even calling CQ FOX on 7.040.

Finally, I heard Walt, K4QE calling CQ just under .040. I answered him and got into a rag chew. Walt was born in 1915 and is 81 years old! (I looked him up in the FCC database). I don't know if he has been licensed for a long time, but he does NOT have a "vanity" call.

I told Walt I was running 5 watts and he was quite impressed. Walt said he had NEVER tried QRP. I took the opportunity to tell him to turn down the carrier control on his TS-850 and he said he could do that because that was how he tuned his antenna anyways.

He sent "AS" a couple times and keyed up, I could tell his power was dropping and he got a little weaker. He called me and I gave him a 559. I was his FIRST QRP Contact after 81 years!!! I am going to make up a special certificate for Walt and mail it to him. We talked at QRP level for a few more minutes before I signed out with him.

I may come in last place in the Foxhunt, but QSOs like the last one make it much more rewarding! Howzabout a prize for THAT, Chuck? :-)

73 =paul= W8KC

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [11687] free dental probes (almost)
Message-ID: <19970211.143825.4847.2.KD1JV@juno.com>

Hi Gang,

Just came back from the dentist, having teeth cleaned. On the way out I asked for broken dental probes and walked out with half a dozen probes and a tooth brush :-)

They brake them by dropping on the floor, not in your mouth. Anyway, a

few seconds with a file or grinder puts a point back on them and you can heat them up with a tourch and reform the ends if you want. (get them red hot first or they will snap)

Always handy to have around.

de KD1JV, Steve in NH

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [11630] FSFD (50 States) Update for Feb. 11
Message-ID: <199702110642.BAA04187@alaska.magpage.com>

   Check out Tuesday

Hello ALL,   (QRP activity info at http://www.dancris.com/~ki7mn)
   Please read NOTE 1 at bottom of page.
The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through Feb. 18. Below is a the schedule of the remaining States. We will attempt to provide digested schedules of states/times/bands/freqs to help reduce message traffic to the reflector. Typically, only 1 message per day.

		ALL TIMES UTC		
Feb. 11 Tuesday, A diagonal criss-cross of the continent.				
IN THE NORTHEAST,	VE3JC, John	0000-0030	WED-UTC	7.042
		0030-0100	WED-UTC	3.556
		0200-0300	WED-UTC	7.042
		0300-0330	WED-UTC	3.556
		0330-0400	WED-UTC	1.812
		0400-0430	WED-UTC	7.042
IN THE SOUTHWEST,	K5FO, Chuck, w/that new Ten-Tec 1340			
		0200-0530	WED-UTC	7.035
		After 0430z if 40 dead		3.560
Chuck running 2 watts on 40M and OHR scaf filter				
and 0.95 watts on 80M.				
-----These logs should be interesting :) Who gets more CA hits?				
and Early Texas shot	W5HNS, Henry			
	Starting between 0300 and 0330 to-0400		WED-UTC	7.038
		0400-0500	WED-UTC	3.557
Feb. 12 Wednesday TEXAS	NR3E, Dave	2205-2305	UTC	10.118
		2305-0105	UTC	14.045
		0105-0305	THR-UTC	7.045

		Novice	0305-0405	THR-UTC	7.120
			0405-0505	THR-UTC	3.540
		Novice	0505-0605	THR-UTC	3.705
			0605-0800	THR-UTC	7.045
		W5TFB, Jack	2000-2100	UTC	14.055+
			2200-2300	UTC	10.120-
			0000-0100	THR-UTC	7.037+
			0100-0230	THR-UTC	3.565-
		K5WO, Bob	0000-0100	THR-UTC	1.805
			0100-0200	THR-UTC	3.555
			0200-0300	THR-UTC	1.805
			0300-0400	THR-UTC	3.555
		W5HNS, Henry	1400-1500	UTC	7.035
			1500-1600	UTC	10.116
			1600-1700	UTC	14.060
			1900-2000	UTC	21.060
			2000-2100	UTC	14.060
			2200-2300	UTC	7.035
			2300-2400	UTC	10.116
			0000-0100	THR-UTC	3.557
			0100-0400	THR-UTC	7.035
Feb. 13 Thursday	UTAH	UTAH	AB7ST, Bob	1600-1700	UTC 10.118
				1800-1815+	UTC 21.060
+ indicated will go longer if busy				2200-2300	UTC 14.055
				2300-2400	UTC 10.118
				0100-0200+	FRI-UTC 7.038
Feb. 14 Friday	VERMONT	W1EAT, Tom		TBA	
Feb. 15 Saturday	WYOMING	N7MR, Mike\		2000-2100	UTC 14.051+
		N0EKU, Ray \		2000-2100	UTC 3.685+
		KB0RFA, Dennis |		2100-2200	UTC 7.035+
Look for all 3 callsigns		/		2200-2300	UTC 10.117+
		KB0WSU, Raul		TBA	
	VIRGINIA	N7RI, Ralph		TBA	
Feb. 16 Sunday	WASHINGTON	N7MFB, Bill	1600-1800	UTC	7.037
			2100-2200	UTC	14.058
		RTTY RTTY-->	2200-2300	UTC	14.086
	SSB-QRP-->	N7TCZ, Jim	1800-2000	UTC	28.385

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                            KJ7NS, Phil   0200-0400   MON-UTC   7.042

                            K7MP, John        TBA       TBA      TBA
-------------------------------------------------------------------------
Feb. 17 Monday Washington D.C. N3FRT, Bob          TBA       TBA

                               WE5X/3, Steve  TBA       TBA      TBA
-------------------------------------------------------------------------
Feb. 18 Tue. CANADA So far: VE3FLB/VE5RC/VE7CQK.  NEED MORE CANADIAN STATIONS!
Feb. 22-23 FYBO and FSFD Blow Out So far: AL7FS, KJ7UN, NR3Z, N7CQR, WB0QQT.
        Like to get some 20M-30M action in the afternoon!!!

The FSFD Blow Out Weekend is in the planning stages to work with and in FYBO.
   More info to follow.  Looking for North Dakota this weekend.

NOTE 1.  Most sign-ups came with a note saying they would go longer if busy.
Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq.
If am major QRP frequency is listed, like 7.040, it means close by if
possible.  We will attempt to avoid being right on 7.040, 14.060, 10.116, etc.

CALLING CQ:  A suggestion.  If we call CQ WAS  or  WAS QRP de K6....  etc,
we give those not on QRP-L an indication of what we're doing.  FSFD type
calling might be too cryptic for all but ourselves.  However 'FS' is fine
when busy.  Exchange RST, State/Province/Country, and Name.  Power level is
nice to know.

If you want to sign-up for an upcoming State, e-mail band/freq/time directly to:
                           congress@magpage.com
Thanks for all the responses/encouragement and suggestions.  Lets have a blast!

Remember, Jim K1MG starts up 50/40 activity next month.  Watch for messages.

Jim  K3QIO  Wilmington, Delaware



From owner-qrp-l@Lehigh.EDU  Tue Feb 11 18:12:31 1997
From: Gary McCaughey <MAIL4GARY@worldnet.att.net>
Subject: [11663] FSFD - SC - 40M Digital Jumble
Message-ID: <19970209224314.AAA15687@LOCALNAME>

Sorry guys...40 M is to much for me right now.  Will be back later.....
That darn digital is about to give me a headache.

73/72
Gary - W2UX
QRP-ARCI # 8911       QRP-L # 593
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CW is THE REAL THING.
Lexington, SC EX: WA2UAX

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Phil Sikes" <psikes@whidbey.net>
Subject: [11653] FSFD correction for WA
Message-ID: <199702111608.IAA24096@islander.whidbey.net>

Some how my time got in wrong. I will be on from 0200 - 0400 UTC on
the 16th of Feb, 40 meters as close to 7.040 as I can. Look a little
above 7.041 to start since I get the "S" beacon most of the time.

TNX es 72
Phil
Phil Sikes - KJ7NS
ARCI #9196 - QRP-L #528
FISTS #2602 - NW QRP #412

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Gary McCaughey <MAIL4GARY@worldnet.att.net>
Subject: [11600] FSFD-SC Results - W2UX
Message-ID: <19970211014506.AAC412@LOCALNAME>

Well here are the results guys. I have included some QRO guys too, guess
they don't understand what "CQ CQ QRP WAS" meant or they just wanted to join
the fun. Worked 25 states with 23 of them QRP stations. Also Aruba and
Ontario QRP stations and Cuba and Quebec QRO stations. There were 68
completed contacts.

QSL CARDS: Anyone who wants a card...let me know via EMAIL or just send one
and I will return one. I am not going to send a card to every station
that I contacted but will gladly send to anyone who wants one.

My address for anyone who want it is:
Gary McCaughey
324 Rollingwood Drive
Lexington, SC 29072

2/9/97 80 METERS 1200 - 1300 UTC

K5ID	569	AR	KEN	5W	
KD0CA	559	IA	JERRY	5W	
CO2BG	559	HAVANA	GEO	QRO-100W	

KE4W 559 SC DAVE 2W

40 METERS 1300 - 1500 UTC
W4OGZ 569 FL LARRY QRO-100W
AA4EB 549 OH MIKE 5W
K5ON 549 NM GARY 5W
N4BP 579 FL BOB 5W
KR8Q 549 MI DICK 4W
N2VPK 569 NY MARK 5W
KC5NJE 599 LA JOE 5W
AC5AM 599 LA BOB 4W
K8IDM 449 OH STEVE 5W
MOBILE
KE5IR 589 TX RON QRO-100W
AB5UA 549 OK CLIF
4W-WORKED ON ALL 4 BANDS.
N5JKY 449 OK MIKE 5W
WD4MSM 449 IN BARRY 5W
KE4W 579 SC DAVE 2W
WD2ABC 599 NJ BILL QRO-100W
WA8LCZ 559 MI BYRON 5W
K7ZYV 599 MS CARL QRO-100W
KD4EB 599 GA BERNIE 5W
N2NFG 589 NC BOB 5W
KD8EK 599 OH KAYE 2W

20 METERS 1700-1800 UTC
WA0CML 559 CO JIM 5W
K7MFB 449 WA BILL 5W
KI0AF 449 IA MIKE
4W
W6EMD 449 CA DAVE 1W

30 METERS 1800 - 1900 UTC
K8IQY 579 MI JIM 4W
N8GR 569 OH GARY 5W
WA1QVM 559 MA JOEL 4W
W0LK 569 AR BOB 5W
WA8LCZ 559 MI BYRON 5W
N2IUI 559 NJ JOE QRO-50W
AA8YD 339 Sorry QRM to bad.
KB0TCY 449 MO RICK 3W
AB5UA 449 OK CLIF 4W
W3ORU 589 PA DICK QRO?-8W

20 METERS 2100 - 2200 UTC
AC5AM 569 LA BOB 4W
VE3VJC 599 ON CHAUHAN 5W

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                        WA0UIG          559     IA      RUSS            5W
                        AB5UA           579     OK      CLIF            4W
                        VE3VAW          599     ON      BRIAN           QRO?-6W
                        P43HK           569     ARUBA   HUBERT  5W
                        KC1NN           559     MA      RANDY           4W
                        VE2KRM          599     QC       GERY           QRO-90W

                40 METERS  2200 - 2300  UTC
                        N4UK            599     SC      KEN             5W
                        W6NKT/4         579     FL      HARRY           QRO-130W

2/10/97   30 METERS  0000  -  0100  UTC
                        AA5BK           559     TX      SCOTT           4W
                        WI6I            559     IL      RIC
5W
                        K0EVZ           339     MN     DOC                  3W

                40 METERS  0100 - 0200  UTC
                        KC0M            579     MO      LARRY           5W
                        K1OJ            579     TX      OJ
5W
                        K7TP            229     CA      GROVER
5W-THIS WAS TOUGH
                        W9UQB           449     AZ      MIKE            5W
                        KB0OLS          449     CO      BARRY           5W

                80 METERS  0200 - 0300  UTC
                        K4NK            589     SC      LES             4W
                        AC5AM           569     LA      BOB             4W
                        NU4N            559     KY      DAVE            5W
                        KT3A            449     PA      CAM             5W
                        N4FNG           559     FL      AL              5W
                        VE3JC           449     ON      JOHN            4W
                        W1BFN           579     NC      MIKE            4.5W
                        AB5UA           559     OK      CLIF            4W
                        K0FX            559     CO      DAN             5W

                40 METERS  0300 -0400
                        WB3AAI          549     PA      LOU             3W
                        WD9AYY          589     IL      DALE            QRO
I THINK!
                        NQ7X            569     AZ      FLOYD           5W
                        AD4XX           559     MS      JIM             QRO-100W
=================================================
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73/72
Gary - W2UX

QRP-ARCI # 8911   QRP-L # 593
CW is THE REAL THING.
Lexington, SC   EX: WA2UAX

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Gary McCaughey <MAIL4GARY@worldnet.att.net>
Subject: [11664] FSFD-W2UX - SC CL
Message-ID: <19970210034829.AAA15616@LOCALNAME>

That is it...been a long and fun day.   Looks like about 70 QSO's. Will
give the results tomorrow nite. Now it is off to bed.

73/72
Gary - W2UX
QRP-ARCI # 8911   QRP-L # 593
CW is THE REAL THING.
Lexington, SC   EX: WA2UAX

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Joel Malman <malman@BBN.COM>
Subject: [11594] FYBO Site selection
Message-ID: <199702110025.TAA61550@nss2.CC.Lehigh.EDU>

Joe,

Just thought I would let you know that I have picked a site for the FYBO QSO
Contest. It is in the Walden Woods/Pond area, here in Concord, Ma.

Walden Woods is where some Pop singer is trying to keep the developers out,
naturally NO ONE visits Walden Woods in the winter. Walden Pond is frozen
this time of year, and if there is snow on the ground, the X-country ski
people will be around. So my best guess is I'll be at Walden Woods, across
the street from Walden Pond. Thoreau would be proud that I have picked his
home grounds to work QRP. [No way would Thoreau work QRO !!].

No mention in the rules for extra credit, if it is snowing.

/joel   wa1qvm

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997

From: QLF%mimi@magic.itg.ti.com
Subject: [11650] FYBO?? - - How 'bout the SYBO??
Message-ID: <9702111540.AA11425@itg.ti.com>

From: Brad Bradfield   QLF

Subj: FYBO?? - - How 'bout the SYBO??

All this talk about the FYBO has got me thinking - - - Since you folks up north have apparently got the edge in this contest, how about another contest to give usuns down the edge. Something along the order of an SYBO (Scorch Your Butt Off) contest in July or August.

As a matter of fact there is a well known bicycle race in Wichita Falls, Texas called the Hotter 'n Hell Hundred. If you think one hundred miles in Wichita Falls at the end of August is just a pleasant ride in the park, you've got another think coming. But there are typically over 10,000 riders in this race. Temperature is usually pushing 100 degrees if not over. The worst year I can remember, it was over 105 with a 30 knot wind. Heat and wind builds character in a bike rider! Does the same hold true for ham ops?

72's es 73's,

Brad, WB0CGH
****
Brad Bradfield, PE   Electrical Design Engineer
(H) 817-321-2960   Texas Instruments, Inc.
(W) 972-462-6230   (Soon to be: Raytheon/TI Systems)
                                   Real men talk with their fingers!

QLF@MSG.TI.COM
WB0CGH@WO5H.#DFW.TX.USA.NA
ARRL Life Member   QRP-L #377   SMIRK #4906   IEEE(M)   ARS #72
Collector of wireless and landline Morse keys and accessories.
****

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Richard Wilkerson <richqrp@cts.com>
Subject: [11712] help
Message-ID: <3300DAF7.DF1@cts.com>

Can someone please help me find the address to subscribe to the "glowbugs"/"boatanchors". thanks .. rich
--
Rich Wilkerson, WD6FDD, Santee, Ca.

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: jim <kw3u@warwick.net>
Subject: [11679] hole question
Message-ID: <330102FF.2FEC@warwick.net>

Hi gang, I know I'm gonna take a beating on this, but
here goes (hangs his head in shame)
   Ready to build my ZM-1 now and have drill bits, but
mine are labeled 1/16,1/8,1/4 etc...the pattern shows holes
with drill sizes of .125
                     .250
                     .312 ?
                     .625 ?   I guess the .125 is 1/8", and also
the .250=1/4 " but how bout the rest?
   Saw the post on the unibit and hit Sears(they have a thirtysomething
dollar step bit) and Homedepot(same deal but actually called a
UNIBIT made in france i think) before I buy one I wonder if the
sears one has a lifetime guarantee? or maybe I wud be better
off(cheaper) to drill it and learn what this deburring is?
  Now I know why the early hams used wood, no great newsgroup
like this to get all the answers.   tnx
                     Jim kw3u

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [11665] HW-8/Tick-1
Message-ID: <1.5.4.32.19970210064316.006892d8@204.127.3.1>

I have completed the little Tick-1 kit and installed it in my Heath HW-8. I
have made contacts with it and gotten excellent comments concerning the
quality of the keying. I have built the CMOS II and the CMOS III, and they
are great keyers. But, for small QRP type rigs, the TiCK-1 just cannot be
beat. It is simple to build, easy to install, and about as cheap as you can
expect.

I had some difficulty with the keyer when I first built it. The first
problem was a faulty socket used for the keyer chip. That was easily
repaired. The second problem still exists but does not affect the use of the
keyer. The piezo transducer is open, and will not function. I set my speed
and have been using the keyer, but I cannot tell which function I am using
when depressing the switch. I will pick up a transducer tomorrow (monday)
from Radio Shack (RS), but Embedded Research will replace the defective one.
I have already installed the original, and cut the mounting holes, so the RS
transducer will be used temporarily until the original type replacement is

received.

I placed the control switch right under the meter on the HW-8. There is plenty of room for it there. I mounted it on the inner panel, and let the head of the switch stick out through a hole drilled on the face of the outer panel. The shaft of the switch is plenty long enough to be able to depress it without it actually being mounted on the front panel, and it looks good.

I mounted the keyer board on the rear panel, using two standoffs. These can be purchased from RS. I mounted the transducer on the rear panel also, but made a small holder for it in my miniature lathe (unimat). However, it could be easily glued to just about any place you wanted to put it.

I opted to use two AA cells (3 volts)in a RS holder and "hook & loop" it to the left side of the HW-8. I could have put in the 12 volt regulator and attached it to the DC input of the rig. However, when power is removed from the keyer, it returns to its default settings. I chose to use 3 volts from the AA cells and leave them on all the time. The batteries will easily last their shelf life. The keyer "sleeps" at 1 microamp, and uses very little current when actually in use. That way I don't constantly have to reset to my normal code speed, and other parameters.

I consider the Tick-1 a true bargain, and well worth the small amount it costs. I have not tried it with other QRP rigs, but with the HW-8, it is ideal. I plan on putting another one in my other HW-8.

By the way, when I had the problem, right after installation, I contacted Embedded Research by E-Mail. That was on saturday night. On sunday morning, I had answer, and it was obvious that they were going to do everything possible to see that I got this device working. Great folks and a great lil keyer.

Standard disclaimer applies....

Jim, K5ROV

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: QLF%mimi@magic.itg.ti.com
Subject: [11640] JOHNSON MATCHBOX MANUAL
Message-ID: <9702111331.AA28184@itg.ti.com>

From: Brad Bradfield   QLF

Subj: JOHNSON MATCHBOX MANUAL

My apologies to whoever sent me the Johnson Matchbox manual, I have lost your name and call. Thanks much. The manual was received yesterday.

I know that KI6PU wanted a copy of the manual, was there anyone else? If so, send your snail mail address to me via e-mail and I'll send you a copy.

72's es 73's,

Brad, WB0CGH

****
Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 972-462-6230 (Soon to be: Raytheon/TI Systems)
Real men talk with their fingers!
QLF@MSG.TI.COM
WB0CGH@WO5H.#DFW.TX.USA.NA
ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72
Collector of wireless and landline Morse keys and accessories.
****

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: K4NK@aol.com
Subject: [11637] K4NK FSFD S.C.
Message-ID: <970211063851_-1073685143@emout13.mail.aol.com>

Thanks for all the Qso's on sunday S.C. FSFD. I have listed the call's in my log by band so if your there you made it .With the other contest on it was rough sometimes.I QSL any cards rcvd and if you missed SC , we will be there for the blow-out.

Thanks 72

Les Shattuck K4NK
112 park circle
Greenville, S.C. 29605

80 meters

---

w9ki wa1qvm ka2pqy n4bp k5id kd0ca ku4af ac5am w8lrm k3qio

kq0i w2ux wr4a wf9m

---

40 meters

```
-------------------------------------------
ka2pqy   n4uk   w3axx   k5on   wa4jaf   w8ekr   w8vfm   n0ur   wd4msm   ac5am

n4bp   k8szn   w1hty   n5gw   wd2abc   n4so   n4zmp
-------------------------------------------------------------------------------
-------------------------------------------
30 meters
-------------------------------------------------------------------------------
-------------------------------------------
k8iqy   w2dp   w2pfz   n4bp   aa2nl   ka8ddz   ac5am   ve3jc   wz2t   n5clu

wa8lcz   k9mrm   kc1di   wb8ajd   n7gs   n8ta   ad4xx   wb5qyt   wb2ppq
-------------------------------------------------------------------------------
-----------------------------------------------
20 meters
-------------------------------------------------------------------------------
-----------------------------------------------
wa0cml   nq7x   ve5rc   ac6kw   w6emd



From owner-qrp-l@Lehigh.EDU  Tue Feb 11 18:12:31 1997
From: k4wz@juno.com (RON L TODD)
Subject: [11713] KEYER NEEDED
Message-ID: <19970211.230507.4615.2.k4wz@juno.com>

NEED SMALL KEYER, ANY SUGGESTIONS ??
I WANT IT TO GO WITH NORCAL QRP RIG.....

K4WZ@JUNO.COM   "DON'T TAKE IT EASY"
K4WZ@WORLDNET.ATT.NET
FISTS # 2109
ARCI # 9273
QRP-L  924



From owner-qrp-l@Lehigh.EDU  Tue Feb 11 18:12:31 1997
From: PDouglas12@aol.com
Subject: [11615] LIQRP MEETING FEB 15
Message-ID: <970210230711_-2111040408@emout15.mail.aol.com>

LI QRP gang,

The Long Island QRP Club will meet on SATURDAY, FEB. 15, 11:15 a.m, at
Nicky's of Centerport, 6 Little Neck Road, Centerport, Long Island, NY
(phone: 516-757-7277).
```

If you haven't received a direct note from me or kf2ph, I/we haven't gotten you onto our maillist. Please email me again, anyway. I am sure I have missed one or two whose messages came into the office and didn't make it home with me! Also email wb5gwb@sprynet.com for instructions to Saturday's meeting if you need them.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: NJBIRDMAN <jsielke@pobox.com>
Subject: [11596] Logging programs
Message-ID: <v03020900af25705928c5@[206.106.174.44]>

Just wondered what some of your favorite logging programs are, both for day-to-day and the QRP contests? I have used Hyperlog for almost 10 years. It is a bit cumbersome, and does not support contest logging. Anyone have any real favorites? (ftp sites would be nice). I'm looking for something that will run on an HP200LX for Field Day, etc, besides daily use.


```
   _  _  _ _       _  ___      John L. Sielke n4js@amsat.org  n4js@pobox.com
   | \| || | |  _ | |/ __|          n4js@n4js.ampr.org  JN Grid:FM29LN
   | .` ||_  _|| || |\__ \         http://www.pobox.com/~n4js
   |_|\_|  |_|  \__/ |___/    NJ-QRP #57  QRP-L #884  QRP-ARCI #9328 NE-QRP
#507
                                                 G-QRP #9544  Norcal #????
QCWA Life Member
```


From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [11598] lost mail to me N2GO
Message-ID: <Pine.GSO.3.95.970210204039.25691B-100000@autarch.acsu.buffalo.edu>

Hello, I had server failure this weekend and lost all email as of Friday. Please resend any mail. Thanks.

73,

Jim N2GO
The Buffalo QRP CONNECTION

ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: torell@sicom.com (Kent Torell)
Subject: [11603] more propagation newsy news...
Message-ID: <v02130507af2554d612ec@[192.91.202.41]>

The forcast is for the coronal mass ejection to hit the earth February 11 UT, or tonite to tomorrow night. A minor geomagnetic storm is forcast, with Planetary A index rising to 30. An auroral alert was also issued; possibility of aurora visibility down to Northern Nebraska...sounds like another exciting nite for our Alaska friends (with no propagation support :-(

There was a short-lived wave (shock wave?) that disturbed things late on the 9th UT. The air force forcast follows:

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 041 ISSUED AT 2200Z ON 10 FEB 1997
   ...
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z:
THE GEOMAGNETIC FIELD WAS GENERALLY UNSETTLED TO ACTIVE. ISOLATED PERIODS OF MINOR STORMING OCCURRED AT MID LATITUDES AND SOME HIGH LATITUDE SITES EXPERIENCED OCCASIONAL MAJOR STORM CONDITIONS.
   ...
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS FORECAST TO BE PREDOMINANTLY UNSETTLED TO ACTIVE FOR 11 FEB. BRIEF MINOR AND MAJOR STORM PERIODS ARE POSSIBLE DURING THAT TIME AS THE MAGNETIC CLOULD COMPLETES ITS TRANSIT PAST THE EARTH. UNSETTLED TO ACTIVE LEVELS ARE FORECAST FOR 12 FEB BECOMING MOSTLY QUIET BY 13 FEB.

The foxes have a lot of cover the next few nites... ;-)

Kent Torell   torell@sicom.com   602-483-2867 x230
SICOM   7585 E. Redfield, #202   Scottsdale, AZ   85260
AB7OA qrp-l 57   ARCI 9075   DM33xn 33.55 N 111.078 W

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Doyle, Ron" <doyler@uh2297p01.daytonoh.ncr.com>
Subject: [11661] NC38s: More experiences
Message-ID: <33009F1E@sdcwinb.daytonoh.ncr.com>

I thought I had my 38s all ready to go last night. It tuned up nicely and transmitted nicely. I used my qrp+ to align the receiver by transmitting into a dummy load right by the 38s.

The one snag was that the qrp+ was the only thing I could receive. There was no difference in the receiver noise level with or without an antenna. I could spot a signal with the qrp+ and there was nothing on the 38s. I checked all the parts placements, counted turns on toroids, and carefully cleaned the solder side of the board. I looked at all solder connections. One looked a little fishy. I used my trusty ohm meter to check the quality of solder connections on the toroids. I found that the secondary of T1 was not good. Yep, it was the fishy solder job too. Reheated the iron and cleaned up the solder connection and there was SOUND and it changed when I hooked up the antenna, I could here the RTTY at 10.130. Life was much better.

The instructions make a point of ensuring good connections to the toroids. They are right. I 'thought' I had done a good job but I let a sloppy connection get by me. :(

If you have received your kit and not started puting it together, shame on you. All I can say is the same that so many have said already. To quote a famous tiger, "Iiiittts GRREEEAAAAT!"

I also hooked up my stereo jack so the earphones where is series which has been suggested. This works very good. Now I here the thumps real well:) It's not a big deal yet and I have several mods to do so maybe they will be taken care of with the mods.

72 to all and good building.

Ron, N8VAR

  Ron Doyle, N8VAR qrp-l# 263
  NCR - Dayton
  Work (513) 445-3179
  Home (513) 237-0790
  <Ronald.Doyle@DaytonOH.NCR.COM>

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Tony Fishpool <101573.3220@CompuServe.COM>

Subject: [11634] NC38S: Yet another (long) birthing story
Message-ID: <970211094016_101573.3220_IHK80-1@CompuServe.COM>

Mark Arvidson KB0SPQ said:-

>I just dummy loaded it and began beeping to myself. It was incredible!

That's it, he's hooked, and the best thing is there is little hope for a cure!

Tony - G4WIF

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [11669] NC38S:microphonic mono caps
Message-ID: <1997Feb11.121314-0500@[130.113.234.7]>

Gang,
 This 38s is getting seriously tortured with
the soldering iron. Components going in, and
coming back out as mods get tried. Then other
mods get tried....
     While replacing replaced parts, noticed
that some of those 0.1uf monolithic capacitors
can get microphonic. Either bending their leads
does it, or too much heat does it, don't know
which.
     So check out your rig. Can you hear
through your headphones when you tap on the
board? If so, its easy to find the offending
part. Just take a stiff, insulating tool, like
a pen, and tap on each component, particularly
those tiny yellow monolithic capacitors. Its
easy to hear the microphonic one, when you tap
it or scrape along it with the pen. I've had
a couple go bad this way.
     Replace it with another, and be careful
that you don't use too much heat.

Watch out for an upcoming post on mods that
give extra audio filtering.

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997

From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [11662] Need Addresses
Message-ID: <1.5.4.16.19970211094403.3a8717d6@telis.org>

Guys, Chuck has posted that you are the lucky winners of the preliminary drawing for entrants to the qrp-l troubleshooting contest. I need each of you to email me your snail mail address that you would like the RadioKit QRP 40 rig sent to. I will post when the rig is mailed and you should post when it is received. You have 7 days after receipt of the rig to fix it. If you fix it, mail it to Chuck Adams. If you fail, mail to the next guy on the list, along with details of what you tried to do to fix it. We also expect a daily posting on qrp-l as to your progress. Good luck, and may the force be with you.

1. KA5T Larry Wise, Georgetown, TX
2. K1MG Mike Gipe, Saratoga, CA
3. W6TOY Bruce Muscolino, Silver Spring, MD
4. WJ2V Preson Douglas, Lawrence, NY
5. WB6TNL Steve Smith, Oxnard, CA
6. KU7Y Ron Stark, New Washoe City, NV
7. NC9O Ralph Davis III, Berwyn, IL
8. KQ6FR Dave Fifield, San Jose, CA
9. K6AEC Bob Parks, Las Vegas, NV
10. AB7OA Kent Torell, Phoenix, AZ

72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [11709] OHR WM-1 Sold
Message-ID: <1.5.4.32.19970211221225.0068ad6c@adsnet.com>

Drew a name at 4:00 PM CST and Emailed the winner. Had five people that wanted it. Sorry, only had one to sell. :-(

Thanks.

Allen Jones, W9DZ
Michigan City, IN
ajones@adsnet.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997

From: wylde@nccn.net (Grover, K7TP)
Subject: [11621] QRP++, just got it, out it goes.
Message-ID: <v02130504af25ae809a39@[205.139.74.196]>

Well I came across another radio that I have been coveting for a while. As a result the QRP++ that I just got from another ham is on the block. Here's the deal:

QRP+ serial number 1490 (that's a late number) with all the latest doo-dads including the VOGAD and SBL mixer etc. Absolutely top-notch condition with original box. It even has a little left on the warranty. Includes the offical Icom speaker-mike that works properly with this radio.

$525 and we can split the shipping.

Leave a message at 916 478 3153 or e-mail to grover.cleveland@tek.com

73

Grover

- - -
P. Grover Cleveland K7TP (ex WT6P, KC7IW, WA6WJV) E.M.T.1A
QRPARCI 3795 / ARS 101 / Norcal 216 / QRP-L #669
Archaeominiferroequinologist / Fairmont Speeder Pilot
Certified Steam Locomotive Fireman / Certifiably Loony
Can also be found at: cleveland@usa.net or 71213.2741@compuserve.com
http://ourworld.compuserve.com/homepages/gcleveland

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: emaaro@pacbell.net
Subject: [11705] Redding, CA
Message-ID: <3300E951.677A@pacbell.net>

Hi JD:
You can contact the Anderson ARC (serves Redding, CA) through the North Hills Radio Club (THE BEST AMATEUR RADIO CLUB IN THE WORLD) webpage at:
http://www.ns.net/~NHRC
>From the homepage select: "Ham Radio Links & Other URLs", then select: "AR Club Homepages" then select: "ARCA - Anderson, CA ARC". Their homepage is excellent.
Have fun, 73s/72s, emaaro

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: jma <jma@ebt.com>
Subject: [11656] Replacement for C26
Message-ID: <01BC180D.BB3DC400@honker.ebt.com>

In the mod to the 5 watt mod it suggests a 330pf replacement for C26,
does this cap need to be Silver Mica, or can I use a mono ?

Thanks

72

Jim Apple   (WB1DOG)   Inso http://www.dynabase.com
jim_apple@ebt.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: launerb@crl.com (William H. Launer)
Subject: [11617] RS 100k Pots
Message-ID: <v01530506af25a20a6a5f@[192.0.2.1]>

The bottom end (about 30 degrees) of the 100k "linear" pot I got from
Radio Shack didn't seem to have any effect on the 38s tuning. Today,
I unsoldered the ground wire, and did some ohmmeter tests. The pot is
far from being "linear" - the resistance between the wiper and the end
of the pot remains nearly 0 ohms over that 30 degree segment. I guess
the moral of the story is to spend a little more and get quality pots
for critical applications! Other than getting the tuning range set,
the rig works great!

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279   qrp arci #3551
Grid Square EM48RT

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Dave Siegrist d225-6493 11-Feb-1997 1114 -0500 <siegrist@rock.ENET.dec.com>
Subject: [11655] scaf vs. dsp vs. active filter??
Message-ID: <9702111615.AA09278@enet-gw.pa.dec.com>

Hello folks,
  I need a bit of advice from the group. What are the
advantages/disadvantages of:

    * active audio filter
    * scaf filter (OHR scaf)
    * dsp (Radio Shack...don't have the budget for a fancy one)

I have not used any of these, and am motivated by the group
OHR buy to think about it more.

Also, has anyone tried cascading the RS dsp with a scaf??

Any real world experience you can relate would be much
appreciated.

  dave   /nt1u   <><

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: larry.kosch@toltbbs.com
Subject: [11719] SCOUT 555 for sale
Message-ID: <9702111835.0Q48P00@toltbbs.com>

HI GANG

I have for sale Ten Tec SCOUT 555...It has noise blanker and 80, 40
and 20 meter modules...Price is $440 firm plus shipping...

TNX and 73 from LARRY K8EJU

larry.kosch@toltbbs.com

   QRP-L 364   ARCI-8012 NORCAL-939 MICH-994 LARRY-K8EJU MAUMEE,OH

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Floyd Smithberg <floydnq7x@worldnet.att.net>
Subject: [11666] ScQRPions WJ4P Tempe Meeting
Message-ID: <19970211165618.AAA26894@LOCALNAME>

Randy's reservations changed and we will meet him tonight Tues 6:00PM at:
        Embassy Suites
        4400 South Rural Rd.
        Tempe, AZ
        ph.602-897-7444 Rm. 120
for an evening of show & tell, eating and imbibing.
AB7TT,W5VBO,NQ7K,KI7MN,KK7BD,W7KXB have been sent e-mail or phoned of
change, others planning to attend will hopefully note this and join in the fun.
Floyd
Floyd NQ7X   Phoenix ScQRPion dm33uq
ARCI   G-QRP   NORCAL ARRL

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Jon Iza <ea2sn@jet.es>
Subject: [11632] Short history of QRP
Message-ID: <330098B9.385E@jet.es>

Gang,
Doug and Jim's offer to cover the expenses of extra postage for QRPp is
part of the long tradition among QRPers. Aga, EA8EY, use to prepare,
edit and mail the EA8-QRP-Club newsletter by himself. At that time
(beginning of the 80's) I was EA8-QRP-C #007 and use to sign my articles
with "007 agent". I supported Aga sending him poststamps! It was a fun a
sweet
time. Some others did the same too. And I've seen some others will do
the same now. I tell you, it's a long tradition.
Now that the NC38S is going to hit the pages of the largest Spanish
ham journal I expect some orders from fellow Spaniards. NorCal will look
good to them since it is going to mail the kit with the manual in
perfect Spanish, including the most relevant mods and mandatory updates.
It's on me both the translation and the payment of the special copies.
And I will be the "Maestro-troubleshooter" at this side of the pond.
That's my way to thank Ori, Doug and Jim for their effort and guts.
Please keep on with the philosophy of "Passing on the good deed"
Be well.
jon, ea2sn
--

Jon Iza ea2sn since 1978 qrp'er at large! <mailto:ea2sn@jet.es>
** One's needs are proportional to the square of his/her incompetence **
URE - ARRL - DARC - VERON - ARI - WIA - NZART - AMSAT-UK - TAPR - IDRA
EAqrp 26 = Gqrp 1216 = ARCI 5153 = qrp-L 313 = NorCal 701 = ARS 202

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: n4js@amsat.org
Subject: [11680] Signal on 10.116
Message-ID: <XFMail.970211135622.n4js@amsat.org>

There is somebody on 10.116.5 that has been sending study dashes for about 30 minutes now. He is S9 here in NJ. Though at first someone might be testing an NC38S, but I kinda doubt it. No ID or anything.

BTW, Thanks Scott. Received my QRP tuner yesterday. I forgot your email address.

Sent at 13:56:22 on 11-Feb-97

 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.pobox.com/~n4js
|_|_| |_| __/ |___/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 Norcal #???? QCWA Life Member

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [11595] SLV w/W6MMA mod
Message-ID: <199702110032.RAA20841@zia.aoc.nrao.edu>

I got the "mod kit" for the St. Louis Vertical from Vern, W6MMA. It was also discussed last week by Dave NF0R at the St. Louis QRP Society. It is really a neat upgrade for the St. Louis Vertical (SLV) antenna. It consists of a ground mounting steak and PVC adapter, for which there is a BNC connector and the screw terminals for the ground and antenna terminations. The SD-20 or Black Widow pole is inserted into this PVC fitting for the self supporting mount. The end with the threaded end cap needs to be cut off is all (about 2 inches worth).

The next part is a special coil assembly that is professionally done. It is made from thick walled PVC about 2.5-3" in diameter. Vern mills this PVC on a lathe for shaping and cutting threads along the outside diameter, for which the coil in inlaid and wound. Then a brass bar and slider is mounted, so basically you move the slider up and down the coil

for the proper inductance. The coil slides over the SD-20 mast for a pinch fit just where the first and second telescoping sections come together ... or in other words, about 4.5 feet above the ground. You run a wire from the top end of the coil to the top of the 20 foot fishing pole, and another wire from the bottom of the coil down to a screw terminal which goes to the BNC. The other screw terminal at the base is

for the ground radials.

I used 12 conductor ribbon cable for the radials, cut into four pieces of 3 wires each. I cut one wire for a 1/4 wave at 40, 20 and 30M.

My first test was sunday early evening. Picked a signal on my 38-S and adjusted the slider on the coil for maximum signal strength on receive. Then keyed the transmitter and darned if it wasn't 1.2:1. One turn up I got 1:1. Good match and 4 watts on the 38S.

Then guess who I hear calling CQ on my 38-S but Dave, NF0R. Gave him a quick call and we ended up having a nice QSO with my 38-S, Rainbow Tuner and modified St. Louis Vertical. Red letter QSO for me. My next QSO was with Florida, then Illinois, then California.

This modified SLV is a great portable antenna and the above-ground loading coil really works great. I'll be using it for FYBO to check it out good, then for the real reason I built it ... Area 51 for the QRP TTF. This thing folds down to a 4 foot fishing pole basically for great portability.

Vern W6MMA is preparing an article for the next QRPp, in which he asked me to make some drawings on how to do it. (It gets confusing trying to explain it, but basically quite simple). He is also contemplating making some of these coil forms, machined and milled, ready to go. The way he did the one I and NF0R has is very professional and rugged. So for those of you wanting to upgrade your SLV, watch out for the article in a future QRPp. The above-ground loading scheme really does work well for a short vertical.

72, Paul NA5N

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [11693] Strange Tales of the N38S
Message-ID: <Pine.A32.3.93.970211155658.35668A-100000@weyl.math.Virginia.EDU>

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [11694] Strange Tales of the N38S
Message-ID: <Pine.A32.3.93.970211160415.35805A-100000@weyl.math.Virginia.EDU>

(This time, I'll include the text :-)

Here's a candidate for strangest N38S story:

My rejoicing over having put the N38S on the air came to an
abrupt halt when a station in TX told me he could hear me at
several different frequencies on 30m, and that all my 30m
incarnations sounded "tone modulated", like signals he had heard
in the Navy!

I found the musical spurs, and they remained after I removed
the 5-watt mod circuit (the only mod I'd made, save adding in
a homemade coil in the VXO circuit -- which I also removed).
Still, many N7RIs on 30m.

Fiddling with the alignment, I found I had a choice -- either a
really LOUD spur at around 9.6 Mhz, together with a single 30m
signal too weak to copy across town; or many N7RI spread
across the 30m band, all loud enough to be heard in TX. And
everything sounded weirdly melodious, though off-key.

After much tinkering, I decided to remove the sidetone circuit,
in case somehow the sidetone was modulating my signal. Bingo!
The local ham who has been helping listen to my signal reports
a loud, single signal on 30m. I still have a spur down around
9.6 mhz, but it is at least 60db below my main signal.

Must have half-cooked U4 during installation.

Luckily, the thumps give me plenty of feedback for sending, so
I'm not going to bother replacing the sidetone.

72, Ralph N7RI
Charlottesville VA

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [11605] SURCHARGE

Message-ID: <3.0.32.19970210220322.00974e50@tiger.avana.net>

Dear Sirs,

I absolutely oppose the idea of per-minute surcharges. Such charges would greatly discourage the free interchange of ideas by grammar schools to universities. This activity and others via the internet are currently being encouraged by no less than the President of the United States and many officers of this country's government-as well as many of its citizens. By applying limitations to the time involved in such exchanges through the means of incremental surcharges, active participation would be limited, and, effectively, discouraged. I believe such charges would, therefore, be contrary to the wishes of the citizens your office represents in such regulation, as well as to the stated desires of the highest officers of this nation. Please give this idea (of incremental surcharges) the absolute discouragement it deserves.

Thank you for your time.

Sincerely,

Ed Tanton (770) 971-0436
189 Pioneer Trail
Marietta, GA 30068-3466

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11616] TenTec 1340 Update
Message-ID: <199702110418.EAA16307@chuck.dallas.sgi.com>

Gang,

Earlier today while at work, I posted a note on what should be where using just the schematic that I drew up. I apologize. I won't do that again.

The measurements made by Dave are correct, i.e. pins 6 and 7 of U4 show a nasty nasty array of noise. This should not be that way but that it is the way it is on a working TenTec 1340. This is the 11MHz crystal osc for the mixer.

I couldn't believe it, so I took out the NN1G Mark II on 20M and measured it's crystal osc and it is a clean sine wave. I took out the OHR 100 on 30M and measured all it's crystal osc sections on NE602's and they were all pure or almost pure sine waves. Both

rigs had good amplitude. The TenTec peaks are less than 10mV.
But it does work.

I went to the base of Q10 with key down. Wow, there is a mess
(TX talk for a large number) of harmonics in the signal, but it
is up in strength.

Scope at intersection (connection) of R42 and C73 shows some
cleanup but it's still nasty.

But at the antenna with a dummy load there is a pure sine wave.
Thank goodness for the Chebychev LP filter (five poll). Anyone
using less should be whupped on with a wet noodle. :-)

I have digital camera shots of the scope output and will put them
on the web first thing Tuesday morning.

So now I see that I am in deep yogurt. I'll have to go back and
write this all up and by the time I'm done it'll be a book.
Hey, that's an idea, yet another book from K5FO. Just what I
need, yet another project. :-)

Since I was set up I used the crystal tester with a 7.040MHz
crystal. Also a photo on the web. Just to show you that crystal
oscillators do not have to generate a pure sine wave. They should
if properly setup for one set of parameters. A general purpose
test circuit will not. Chapter 2 of the book.......

So, those of you checking out the rig with a scope I'll have
a comparison for you on the web page below sometime tomorrow.

Good thing I upgraded the camera to do 80 pics at a time. :-)

SIG
Chuck Adams K5FO/6 adams@sgi.com DXCC=4
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Nick Franco <kf2ph@bnl.gov>
Subject: [11695] The "T" Beacon :-)
Message-ID: <3300DFC2.7765@bnl.gov>

I know - that signal you're all talking about is the new "T" beacon
designed for a qrp-l propigation study :-) If I wasn't at work, I'd go
to the car and see if I could hear it here on LI. Would be interesting
to see the sheet on the report from all over the qrp-l world on this

signal.

Reminds me of the time I woke to "T" in CW playing over and over and over again. Turned out to be my alarm clock :-)

Later gang
nick - kf2ph
--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist   RHIC Project   Building 1005
Tel: (516) 344-5467   UPTON, NY   11973-5000
Fax: (516) 344-3674   Ham Call: KF2PH
Email: nickf@bnl.gov   http://www.rhichome.bnl.gov/People/franco

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "CHARLES P. SAMMUT" <CPS@limbach.com>
Subject: [11681] TREE MOUNT SUGGESTIONS
Message-ID: <A61F9B2E01B60100@limbach.com>

I recently moved to a new QTH which has a 70 foot tall cedar tree. Since our tree service will be climbing up the tree (and others) to prune and shape it, I have the opportunity (at no additional cost) to have someone mount, at about the 55 foot level, a marine grade pulley (with sufficient dacron rope already inserted). My plan is to use the pulley and rope to hoist a dipole, an inverted V or an end fed Zepp.

I would appreciate any suggestions regarding ways to securely mount the pulley to the tree. The suggestions I have so far received are:

1. dacron rope wrapped around the tree above a sturdy set of limbs;
2. a rubber garden hose having within it a flexible cable such as that used for locking bicycles to posts, etc; and
3. a large eyelet screw inserted into the tree.
4. a nail
5. a very large stainless steel hose clamp.

Thanks.

73/72
Charles
K8MI
cps@limbach.com
QRP-L #42

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11623] TT1340 one more time
Message-ID: <199702110531.FAA16446@chuck.dallas.sgi.com>

Gang,

Went back with the scope to pin 4 of U4, the transmit mixer.

Lots of low noise with key up. Key down and a nice sine
wave does appear. Was thinking that it was on continuous,
but my mistake. Photos on the web with results.

So if you have a TT1340 and you are not getting any output,
then I have a set of scope measurements to aid you along.

If you don't have a receiver up and running I can do the
same diagnostics.

Next two rigs will be NN1G GM-30 and OHR 100 on 40M.
Stay tuned to the web page.

dit dit
SIG
Chuck Adams K5FO/6 adams@sgi.com DXCC=4
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [11696] Unusual Offer
Message-ID: <3300D956.7867@mtechnologies.com>

I've come by a supply of disposable anti-static wrist straps,
which are a great (and safe) way to make sure that you are
grounded when working with static-sensitive devices such as CMOS
integrated circuits. Sure, you can run a clip lead from your
wrist-watch or ear lobe to a convenient ground, and that will
take care of static. But it will also route any high-current
electricity that you happen to come in contact with, and is a bit
like working with your bare feet on a wet floor. The SAFE way
to do it, as with these straps, is to incorporate a

current-limiting resistance so that static will be grounded off without an increased risk of electrocution.

While I've started including one at no charge with the Island Keyer kits, I've got more than I really know what to do with. So here's the deal--

Send me One Dollar ($1.00) and an SASE with 55 cents postage on it and I will send you FOUR wrist straps.

I'll also include some product literature since it won't increase the postage cost. Or if you are ordering something from Milestone Technologies via the web site (url below) or by phone just mention this to get any number of wrist straps at 4/$1 with no additional postage cost.

By the way, these are genuine 3M 2209's in original sealed packaging, and they are UL certified.

Send your dollar and an SASE with 55 cents postage to:

Milestone Technologies
3140 S. Peoria St. Unit K-156
Aurora CO 80014-3155

73
Marshall
AA0XI
http://mtechnologies.com/mthome

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [11718] Voltage regulation principles
Message-ID: <3302015c.21075813@pop.usit.net>

I'd like to learn a bit about voltage regulator circuits, by modifying my CMOS SuperKeyer II. Yet, I don't want to fry it!

Currently, it runs on 3 AA 1.5 V batteries. I'd suppose that places the actual voltage requirements around 3-4.5 VDC.

Can I put a 5V regulator in line and run it off of a 9V source? What else would I need to make this work?

Right now, the AA holder is "velcro" attached to the top of the case

(a Mouser box), and is somewhat precarious. Yet, there isn't enough room to put the AA's anywhere else. I'm thinking a 9V would be more compact, and also more compatible with the soon-to-arrive (hopefully) 38 Special.

Speaking of the 38S, I'm planning on building it with the TiCK mod, the 5 amp mod, and no RIT. I'd also be really tempted to add a digital display later, if one becomes available. What size case will I need (I don't have the instruction/construction manual yet, but I'd like to go ahead and order the non-included parts, case, etc.)? What "non-included parts" do I need to plan on?

Also, do I just order the TiCK chip, or the whole shootin' match (PC Board/parts kit)?

There has been much talk of the 6.9uH Choke -- will any 'ol choke do, or is there a rating/freq/something else I need to look at? The Mouser cat has many, many chokes/toroids and the choices for the uninitiated (like me, for whom this will be the first RF-generating and/or smoke generating kit) are many ...

Sorry for the extensive nature of my requests, but I would like to get a Mouser order together, and I don't want to pay $6.00 shipping for three orders (or something like that).

I have no interest in Mouser, other than as a customer. They have no minimum order and charge actual shipping costs, with a 3-day delivery time. Radio Shack has the IRF510, but doesn't stock it locally -- their parts take two weeks to arrive!

Thanks, and sorry for the bandwidth!

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Freeberg, Scott (STP)" <qc01870@stp03.guidant.com>
Subject: [11645] Wanted: Dual Section 365 mmf Variable C
Message-ID: <199702111457.JAA88447@nss2.CC.Lehigh.EDU>

I am looking for a dual section 365 mmf variable capacitor for a QRP receiver project. I have been slowly collecting parts for this receiver project for 20 years now, its the receiver which goes with the 10 watt "Mighty Midget" 80 and 40 meter transmitter from Feb 1966 QST (yea yea I know, QRO). I may be able to start building this year.

Let me know if you have one available. Thanks,

Scott WA9WFA St. Paul, Mn
scott.freeberg@guidant.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: QRPDave@aol.com
Subject: [11626] Where can I look up callsigns?
Message-ID: <970211012344_-1073691431@emout10.mail.aol.com>

Friends:
     I have heard rumor that somewhere there is a location on the internet where I can look up callsigns. There are so many of these vanity callsigns and changes that my QRZ CD is out of date before I put it in my computer. Can anyone help? QRPDave@AOL.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: jim hale <kj5tf@mctc.com>
Subject: [11674] Wilderness Radio Sierra 5 w mod help needed
Message-ID: <3300CCFC.1945@mctc.com>

I just had a nice QSO with WB3AAI Lou, in Pa. He's got a Sierra doing about 3 watts and would like to know if there is a 5w mod he can do...

He dosnt have email, so please contact him via snail mail at callbook address, or I'll be happy to print & forward to him.

Thanks - de Jim

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [11597] Re: 38S: Another approach to TiCK sidetone?
Message-ID: <1.5.4.16.19970210191009.0b7fbe96@destin.nfds.net>

At 09:06 PM 2/5/97 -0400, Bill Meahan wrote:

>Since U4D and U4E are not used with the TiCK mod, why isn't the
>"sidetone" output of the TiCK fed to pin 15 of U4D (with D8 removed)
>instead of directly to R17? With R15, R16 and C31 out of the way
>(not needed) one would simply get 2 stages of buffering (U4D and U4E)
>and the sidetone would feed the audio chain the same as the non-TiCK

>sidetone and shouldn't require the "extra" 4.7K at the input of U5A.
>Since pin 19 of U4 is grounded, U4D&E are active all the time and not
>affected by transmit or receive switching.

  Have you done this Bill????? Did it work???

  Has anyone else "analyzed" this mod???

  Also, I noticed in the original instructions that to do the TIcK mod you removed D8, R15, R16, R17, and C31 AND had to cut the circuit board to make sure the two sidetone circuits were not connected together. Looking at the schematic, it seems to me that removal of D8 seperates the two circuits, or am I missing something again? (I seem to miss something frequently lately).

  I'm curious as I am starting to build the first of my NC38S's, it's been a busy three weeks and I'm just now getting time to build a kit (it didn't help when I was sick for a few days). Of course, I've been reading all the mods on the list, printing out most of them and updating my "instruction book" so I don't add parts just to take them back out and can take advantage of the "expertise" of the "experts" and "more knowledgable" ones out there. BTW, my instruction book fills up a 1 inch 3-ring binder right now...

  I plan to build this one with the 5-watt and TIcK mods, maybe I'll add the RIT later but would prefer to get the expanded tuning range without the RIT...

  Thanks in advance and 72/73's

--
Bill Myers   KK4KF   Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail   P. O. Box 178 Shalimar, FL 32579
e-mail   <bmyers@destin.nfds.net>
homepage http://destin.nfds.net/~bmyers/
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
http://n9nvv.qrp.com/~fists (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [11624] Re: 40m 38 Special Project
Message-ID: <19970210.224250.7719.0.tayloe_d@juno.com>

>   Heck, since you're going to build a VFO anyway, why not choose
>a lower IF, so that you can get better audio image rejection?   I'm
>thinking of building one for 80 and 40 using a 1.7MHz IF and a 5 MHz

>VFO.   Switching tuned circuits is likely to be a pain, involving bits
>of RG174 going hither and yon, but what the hey.   Good luck.
>
>73,   ; D   DWink@Juno.com   Dan Winkler   N7IVR   Seattle, WA

I agree with you about the lower frequencies. Today I went to the local electronics store (DC Electronics) with my counter and series osc in hand and hand sorted two matched sets of seven 5 MHz crystals. I would have rather used 4 MHz, but its what they had a lot of (or used to!).

So I will use a 5 MHz IF with a 4 crystal pre filter, an IF amp and a 3 crystal post filter along with a 2.0 to 2.15 MHz VFO. I bought a 10 turn pot while I was at it. I plan to use a pair of back to back MV109 to varactor tune the VFO. I figure I need about 6.3 uh and 1000 pf total for the VFO at 2.0 MHz, and about 865 pf total at 2.15 MHz. This means I need about 135 pf of swing to tune over this range, and back to back MV109s should have plenty enough range to do that.

I realize that using 2 MHz and 5 MHz that I will have a spur just inside the bottom end of 40m, but I don't get down there much anyway.

- Dan Tayloe, KK7BD, Phoenix, AZ; QRPl # 696, Az ScQRPions

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Jim W7LS <w7ls@brigadoon.com>
Subject: [11711] Re: agreements
Message-ID: <199702112238.OAA09264@olympic.brigadoon.com>

Hi, Ed. I agree that frequency policemen hack me off, too. Since you have done RTTY for years, you obviously know where the RTTY action is. You must know that 7040 is not a usual freq for RTTY. Why do you want to do RTTY in such an unusual place? While you certainly do have a right to do RTTY there, you must also have a desire to force your rights to do so. If it would satisfy you, how about everyone agreeing that you do indeed, have a right to do RTTY on 7040 and that common courtesy should prevail, as it almost always does?
        Just a thought. 73 de Jim, W7LS

At 09:46 PM 2/10/97 -0800, you wrote:
>>thank you for the reply, but i didn't ask where to do rtty; i have done
>that for years. i asked if anybody has the text of the agreement, and who
>the " gentlemen" are who agreed to it. frankly, i believe it is a myth,
>based on
>some suggestions by arrl. i also believe it is a good idea, except when

>some people decide to become frequency policemen. 73 de ed.
>
>
>

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Arthur Moe" <kb7ww@transport.com>
Subject: [11657] RE Amidon
Message-ID: <199702111620.IAA20578@butch.transport.com>

While checking the Amidon site back up and look at

http://www.bytemark.com/waveguide/pcvfo.htm

> > This is an informative web site based on the Amidon Catalog. Click on
the
> > Technical reference.
> >   http://www.bytemark.com/amidon/index.htm
> >
> > Steve NJ6J

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [11677] Re: And furthermore: recent discoveries about transistors
Message-ID: <199702111822.MAA16821@multi13.netcomi.com>

Nils --

Did you remove (or not install) R101? With C101 removed and not jumpered,
the gate of Q2 should be 0 volts. With C101 jumpered, it should still be 0
volts when receiving.

If TC2 is not correctly adjusted, the 74HC240 buffer can sometimes stop
amplifying the 10 MHz transmitted signal. When this happens, it has a
50/50 chance of landing with its output high instead of low. If this
happens, the FET is turned full on, and it will draw lots of current and
get quite hot.

If this is the case, it will appear quite squirrely, sometimes working when
you pass a graven image of El Tejon Sagrado overhead. Sometimes not.
Definitely so if you insert an RF probe in the badger's heatsink.

Try adjusting TC2 very carefully. Monitor the power supply current while
you do it. If it goes above 1 amp, key up and begin again.

Mike K1MG
Second Minister to El Tejon Sagrado

> From: NilsBull@aol.com
>
....
> I don't get it. Very weird.
>
> Hints? Kitchens? Fish? A chicken? What's the deal here?
> ....
> 73
> Nils
> WB8IJN +c

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [11654] Re: argosy 525 mods advice
Message-ID: <19970211.091426.9934.2.gsurrency@juno.com>

Use 1N5711's. MHz Elecronics in Phoenix has them.
Motorola MDB101s are a substitute, but they have a T0-92 type
2 lead package and don't fit most PCB layouts well.

1-800-528-0180

Ask if their minimum order is $25.00 or $10.00. The catalog says $25,
when I go in the store in person it is $10.00.

They have a lot of Rf transistors and other stuff as well. Ask.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Lee Richey" <lee@radioadv.com>
Subject: [11685] Re: audio xfmr Hallicrafters s38a and 38s report.
Message-ID: <199702111938.OAA43254@nss2.CC.Lehigh.EDU>

If all else fails, try a 120 to 6 volt filament transformer. It will
have Z ratio of 400 to 1. So for a 8 ohm speaker it will
reflect a 3200 ohm load to the output tube. Use a 1 amp or so
transformer to minimize the chance of core saturation.

> I have a Hallicrafters S38a that has a blown primary in the
> audio transformer. its a 3000 to 3/15 ohm tapped xfrmr.
> does anyone know where to find a replacement or info on how
> to rewind one?

-Lee-

http://www.radioadv.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Matt <cnw@hiwaay.net>
Subject: [11609] Re: C21 Value
Message-ID: <32FF0124.3009@HiWAAY.net>

DAN TRIGILIO wrote:
>
> Hi Gang< Could someone please tell the value of C21 on the rev.B 49er
> circuit board. As I onlyhave info on the rev. A board.
> Thanks es 72/73 de Dan N1DT
Hey Dan,
 This is Matt, on mine, the C21 show to be a 5 marked on the cap.
So
it is a 5 pF NPO cap. Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Larry East <w1hue@amsat.org>
Subject: [11648] RE: Early Fox Warning
Message-ID: <2.2.16.19970211151651.30c7951c@eloi>

OK, OK, I got the date wrong! IT IS INDEED WEDNESDAY EVENING, NORTH AMERICA
TIME. Gee, the memory is the first to go. Or is it the back? Gosh, I can't

remember... :-(

        Time: 0130-0330 UTC Feb. 13
               (That's Wednesday evening, Feb. 12, in the USoA)
        Freq: 7.041 - 7.045 (I'll try to be close to 7.043)
        Call: W1HUE
        QTH: Idaho Falls, ID

See 'ya tomorrow evening...

72, Larry W1HUE

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Joe Gervais <vole@primenet.com>
Subject: [11652] Re: FYBO Site selection
Message-ID: <199702111548.IAA00350@usr10.primenet.com>

Joel (WA1QVM) wrote:
> ...
> So my best guess is I'll be at Walden Woods, across the street from
> Walden Pond. Thoreau would be proud that I have picked his home
> grounds to work QRP. [No way would Thoreau work QRO !!].

Thoreau would be proud indeed, but only if you smelted your
own crystals from local river sand while telling yourself how
much better your RF would be because of it. :-)

> No mention in the rules for extra credit, if it is snowing.

Tell ya what, if you're getting snowed on, just add the word
"snow" at the end of your exchange and I'll send an extra
"dih dih" as a show of sympathy. :-)

Actually the ScQRPions kicked in two 49-er kits for FYBO
prizes.... Maybe one of them could be for the best Sad WX Tale.
Hmmm....

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997

From: Chris Cartwright <ccart@vidtel.com>
Subject: [11608] Re: FYBO: Thermometers
Message-ID: <Pine.LNX.3.93.970210221759.1782A-100000@dns.vidtel.com>

On Mon, 10 Feb 1997, Joe Gervais wrote:

> noticed that Radio Shack has their large-display LCD digital
> thermometers on sale for $9.99. Not too bad.

Just went out and got me one, do I get extra points if it's so cold the
LCD doesn't work? Guess I'll toss it in the freezer tonight and see what
happens. Runs on one AAA by the way, indoor/outdoor temps. BTW would
reporting in degrees C make the 5-landers feel better? ...TEMP HR IS
26C.. ???

-- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com
-- | http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [11628] Re: FYBO: Thermometers
Message-ID: <Pine.A41.3.95b.970210220856.67676B-100000@homer14.u.washington.edu>

When it gets so cold that the LCD display freezes, you
don't want to know the temperature. Think my Fluke meter
LCD display froze up between 11 and 18 degrees F. a few
years back.
Put it in an inside coat pocket and the coldest I've
measured was 19 below zero F. plus or minus a tenth of a
degree. Factoring in the wind chill the temp that night was
40 below zero. This was up near Mt. Rainier about 6 years
ago. I'm still trying to forget.
There is a cold place in Arizona, a town called Maverick. Back
when it was just the lower 48 on the flag, Arizona often
had the low and high temp in the nation on the same day.
Maverick and Buckeye Arizona were the two towns. In the
early 60's the post office in Maverick shut down. With it
went the official temperature reporting station there.
Now it's Bullhead City and Lake Havasu City that vie for
the hotspot in the nation. They can have it.

Any o' you zonies know what temperature it was in Maverick
today??? Cheers all.

Stephen Lee, AB7HI....also a native zonie, hi hi.

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [11631] Re: FYBO: Thermometers
Message-ID: <Pine.SOL.3.91.970211021157.17106B-100000@hyper>

On Mon, 10 Feb 1997, Joe Gervais wrote:

> BTW, has anyone actually *tried* using a keyer with warm
> gloves/mittens yet? This could get interesting....
>
Listening to the bands, I'm sure it's done all the time :-)

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [11671] Re: FYBO?? - - How 'bout the SYBO??
Message-ID: <Pine.SOL.3.91.970211124019.22322B-100000@hyper>

On Tue, 11 Feb 1997 QLF%mimi@magic.itg.ti.com wrote:

> All this talk about the FYBO has got me thinking - - - Since you folks up north
> have apparently got the edge in this contest, how about another contest to give
> usuns down the edge. Something along the order of an SYBO (Scorch Your Butt
> Off) contest in July or August.
>
I like it! Simply make it coincide with Field Day with seperate scoring
(like the already existing Miliwatt Field Day). How about the number of
gallons of blood donated to mosquitos as an additional mult?

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: ka7you@juno.com
Subject: [11706] Re: FYBO?? - - How 'bout the SYBO??
Message-ID: <19970211.140022.6711.6.KA7YOU@juno.com>

On Tue, 11 Feb 1997 12:43:02 -0500 (EST) Bob Patten <n4bp@shadow.net>
writes:
>On Tue, 11 Feb 1997 QLF%mimi@magic.itg.ti.com wrote:
>
>.... How about the number of gallons of blood donated to mosquitos as
an additional mult?
>
I don't know about many other areas, but I think that would probably
favor the Alaska contingent more than the Florida ones..what they lack in
quantity is more than made up for in volume consumed.. They fly SUPER
TANKERS in Alaska!! Been there-done that..You need ping-pong paddles,
cause they just bounce of a fly swatter.
7 3,
Rod Johnson KA7YOU

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [11613] Re: G5RV on 30m

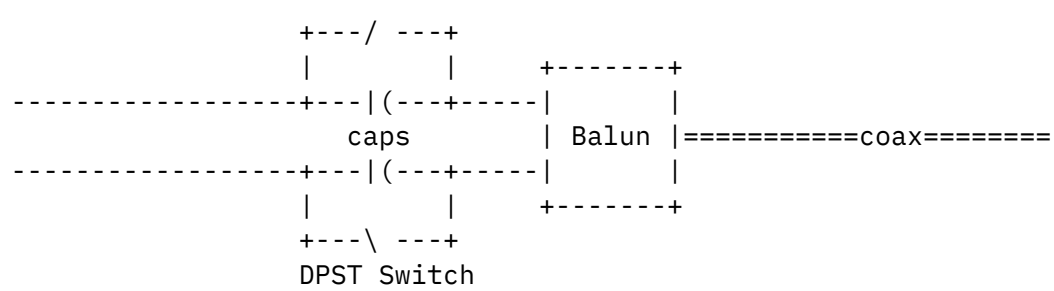
>From: n5zgt@swcp.com (Brian Mileshosky)
>What is a good, effective, but simple 30 meter antenna? I have a G5RV,
>but I'd hate to use it with a tuner.

Hi Brian, for you and others who are serious about using a G5RV on 30m,
here is a modification that should work for that band only. I haven't
tried it but EZNEC sez it should work. It requires access to the coax/
twinlead junction. I have my antenna on pulleys so I can run it up and
down in minutes. Unfortunately, it's not a G5RV any longer.

Install a small weatherproof box in the twinlead at the twinlead/coax
junction. A DPST switch is used to short out two 114pf caps in series
for all bands except 30m. For 30m, the two 114pf caps are switched in
series and according to EZNEC that should drop the SWR on the coax
from 50:1 to about 1.6:1. 114pf is only approximate and the capacitance
value should be adjusted for lowest SWR.

I know a lot of people are not serious enough to try something like this
but for those of you who are, it could be very rewarding on 30m. Here's

an attempt at an ASCII schematic.



Switch in closed position results in a standard G5RV. Switch opened
should yield a good SWR on 30m.

73, Cecil, W6RCA, OOTC

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [11658] Re: G5RV on 30m
Message-ID: <19970211.092116.9934.3.gsurrency@juno.com>

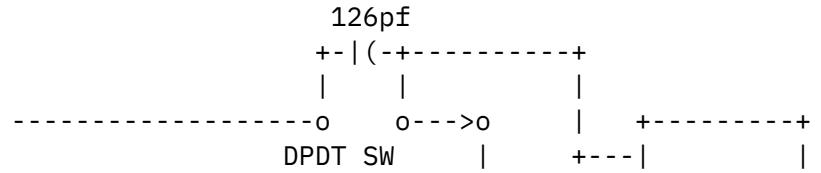
And you can achieve 114pf by parallel connection of two
standard capacitor values: 90pf and 24pf. :-)

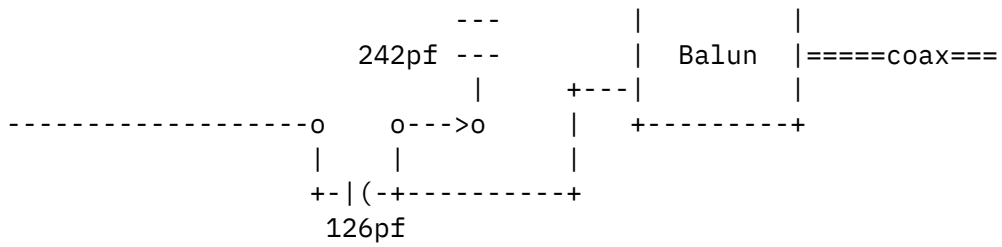
72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [11614] Re: G5RV on 30m #2

My previous posting showed how to achieve a pretty good SWR of 1.6:1
with a G5RV on 30m. Here's a way to bring it down to a perfect 1:1
with three caps and one DPDT switch according to EZNEC and MicroSmith.





Again, the values are approximate. How 'bout somebody trying this and reporting back. I would if I still had a G5RV.

In the position shown, the three caps are in the circuit for 30m operation. In the other position, the antenna becomes a standard G5RV. A relay could be used to do this remotely.

73, Cecil, W6RCA, OOTC

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Chris Cartwright <ccart@vidtel.com>
Subject: [11606] Re: Gloves and keyer
Message-ID: <Pine.LNX.3.93.970210220521.1764A-100000@dns.vidtel.com>

On Mon, 10 Feb 1997, Randy Foltz wrote:

> After that the hand needs to go back into the glove to warm up. Worse
> part is the 1/2 to 1 inch gap between the end of the gloves and the end of
> the coat sleeve. That gets cold fast.

Randy,

I used to work outside for a living and we had the same problem. Take an old pair of tube socks and cut the toes off, then cut a small hole about a half in back from the "new" edge. Slide your hand in and let your thumb stick out the hole you just made. It only covers the bottom part of your palm so you still have finger dexterity. Now put on the glove, slide your arm into the coat, and viola! no more gap. Well, it's there it's just covered :)

ObQRP: Make sure during FYBO you stop by 7.112 and 7.145 and give some of us N/T+ guys a run, there be at least three of us!

-- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com
-- | http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Matt <cnw@HiWAAY.net>
Subject: [11610] Re: HB:40A xmit fixed!(a little long)
Message-ID: <32FF0309.C50@HiWAAY.net>

Takanori Oka wrote:
>
> Hello QRP HBers,
>
> I wish to thank all of those who helped me to find the problem on my 40A
> transmitter. Within a couple of days after I asked to help me on the list,
> I received several e-mails describing how to trouble shoot, precious
> measurements off the repliers' 40As and other useful ideas which I followed
> and I finally found and correct the problem.
>
> Most of them suggested to check the connections at troids, to trace the RF
> signal by a probe, to check if the tuning of the mixer was performed
> correctly and so on. In my case, it was the varicap in the xmit mixer
> circuit that I needed to replace. It was completely different from what I
> thought was the problem. And I could learn those OMs' techniques by
> carrying them out myself with their kind help.
>
> I note that new builders like me who have difficulties on their projects
> can learn more effectively and enjoy communication with the very nice folks
> here. So let's not hesitate to ask help! Let's make your problem worth
> having!
>
> Anyway, thanks again.
>
> Tak/9M2EN
>
> Tak Oka
> Kuala Lumpur, Malaysia
> oka@mol.net.my
Hey Tak,
     My name is Matt. It is great to hear you on from Malaysia. I have
the NorCal 40A and the KC1 and I think that they are two great pieces of
QRP equipment. Luckily I didn't have any problems with mine. LUCK!
Hee Hee! But I think that the disigns of both are great and I luck
forward to doing some mods to it. Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [11717] Re: help
Message-ID: <330101B5.56CD@edcen.ehhs.cmich.edu>

Rich,

Adr for glowbugs is: listproc@theporch.com

You send in your message: subscribe glowbugs "your name"

That's it.

CUL
Gary/N8AYY
Manchester,MI

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [11689] Re: hole question
Message-ID: <199702111953.NAA21154@multi13.netcomi.com>

Jim --

Yes, the US sure knows how to foul up measurements.

We are officially a metric country.

But we really use Olde English measurements, at least some of them.

Except that most of industry, where it isn't using metric measurements, actually uses decimal inches. Most American parts are dimensioned in inches with decimals carried to the thousandths place (mil), depending on tolerance.

So, 0.312 is 5/16, rounded to the nearest mil. 0.625 is 5/8, etc.

The electronics industry is really messed up. Since the US invented it, most dimensions are decimal inches, but the Japanese gained lots of ground, and started using metric values. However, the standard sizes didn't change, so the pin spacing on a DIP package is now 2.54 mm, same as the old 0.1 inch. Unless, of course, it did change. The standard connector on a 3.5" hard drive uses 0.1" pin spacing. The 2.5" hard drive used in laptop computers uses the same signals but a connector with 2mm spacing!

Yike!

Extra credit question: Which measurement standard is the original 38 Special designed to, and why does this affect the NATO alliance? Answers involving Badgers will not be accepted. When you have finished your essay, turn in your blue book at the front of the room.

Mike K1MG

> ....Hi gang, I know I'm gonna take a beating on this, but
> here goes (hangs his head in shame)
>   Ready to build my ZM-1 now and have drill bits, but
> mine are labeled 1/16,1/8,1/4 etc...the pattern shows holes
> with drill sizes of .125
>   .250
>   .312 ?
>   .625 ?   I guess the .125 is 1/8", and also
> the .250=1/4 " but how bout the rest?
> ....
                    Jim kw3u

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Arthur Moe" <kb7ww@chatusa.com>
Subject: [11704] Re: hole question
Message-ID: <199702112153.NAA17469@pdx.chatusa.com>

To All,

Next time you are in a hardware store ask the clerk to look at a 6 inch steel rule,
lots of them have an fraction to decimal equivalent table on the back. If memory
serves me the General Tool ones have it. Also look in the back of a Dictionary or
math book. BTW if the clerk looks at you funny when you say rule try the scale.

art

> From: jim <kw3u@warwick.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: hole question

> Date: Tuesday, February 11, 1997 3:38 PM
>
> Hi gang, I know I'm gonna take a beating on this, but
> here goes (hangs his head in shame)
>   Ready to build my ZM-1 now and have drill bits, but
> mine are labeled 1/16,1/8,1/4 etc...the pattern shows holes
> with drill sizes of .125
>   .250
>   .312 ?
>   .625 ?   I guess the .125 is 1/8", and also
> the .250=1/4 " but how bout the rest?
>   Saw the post on the unibit and hit Sears(they have a thirtysomething
> dollar step bit) and Homedepot(same deal but actually called a
> UNIBIT made in france i think) before I buy one I wonder if the
> sears one has a lifetime guarantee? or maybe I wud be better
> off(cheaper) to drill it and learn what this deburring is?
>   Now I know why the early hams used wood, no great newsgroup
> like this to get all the answers.   tnx
>   Jim kw3u
>

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Arthur Moe" <kb7ww@chatusa.com>
Subject: [11707] Re: hole question
Message-ID: <199702112157.NAA17487@pdx.chatusa.com>

To All,

Next time you are in a hardware store ask the clerk to look at a 6 inch
steel rule,
lots of them have an fraction to decimal equivalent table on the back. If
memory
serves me the General Tool ones have it. Also look in the back of a
Dictionary or
math book. BTW if the clerk looks at you funny when you say rule try the
scale.

art

> Jim --
>
> Yes, the US sure knows how to foul up measurements.
>
> We are officially a metric country.

>
> But we really use Olde English measurements, at least some of them.
>
> Except that most of industry, where it isn't using metric measurements,
> actually uses decimal inches. Most American parts are dimensioned in
> inches with decimals carried to the thousandths place (mil), depending on
> tolerance.
>
> So, 0.312 is 5/16, rounded to the nearest mil. 0.625 is 5/8, etc.
>
> The electronics industry is really messed up. Since the US invented it,
> most dimensions are decimal inches, but the Japanese gained lots of
ground,
> and started using metric values. However, the standard sizes didn't
> change, so the pin spacing on a DIP package is now 2.54 mm, same as the
old
> 0.1 inch. Unless, of course, it did change. The standard connector on a
> 3.5" hard drive uses 0.1" pin spacing. The 2.5" hard drive used in
laptop
> computers uses the same signals but a connector with 2mm spacing!
>
> Yike!
>
> Extra credit question: Which measurement standard is the original 38
> Special designed to, and why does this affect the NATO alliance? Answers
> involving Badgers will not be accepted. When you have finished your
essay,
> turn in your blue book at the front of the room.
>
> Mike K1MG
>
>
> > ....Hi gang, I know I'm gonna take a beating on this, but
> > here goes (hangs his head in shame)
> >   Ready to build my ZM-1 now and have drill bits, but
> > mine are labeled 1/16,1/8,1/4 etc...the pattern shows holes
> > with drill sizes of .125
> >   .250
> >   .312 ?
> >   .625 ?   I guess the .125 is 1/8", and also
> > the .250=1/4 " but how bout the rest?
> > ....
>   Jim kw3u
>

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997

From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [11641] Re: INTERNET SURCHARGE
Message-ID: <Pine.SUN.3.91-FP.970211083901.23069A-100000@cap1.capaccess.org>

Before anyone sends off messages to the FCC, they better read and understand the issues. Unless you have another way of getting a copy of the source document, you need to go to www.fcc.gov and look at Docket #96-262, Access Change Reform. It is one humongous document, plus all the comments to date on it. They could definitely apply some QRP logic to the writers there. Frankly, I have am having a very hard time finding the exact impact of the proposals. Essentially, ISPs are already paying an access charge. As best as I can determine, the new plan is to do away with some caps and let competition reign where it is possible. There are other possible fees, but they are on the ISPs and not individual consumer directly. I keep reading on this list and others that the FCC is planning on allowing telephone companies to charge consumers for local calls by the minute. They can do this already. They do not need FCC permission for this. In Virginia you can get measured or flat rate service right now. It has nothing to do with the FCC - this is a state matter. I called Bell Atlantic and they "say" they are planning no changes in this area and have not gone to the state regulatory agency to eliminate flat rate service. Maybe they lie - who knows? But it isn't what the FCC is looking at and it is not theirs to determine.

For your comments to be meaningful, you are going to have to actually understand the issues - I don't and therefore I'm not commenting. You need a trained linguist to figure out all the crap in their docket. Nils - are you there? Get them trained badgers and do a transliteration for us. No more than 1 page.

Hope this is helpful. A lotta people get a lotta bucks to write all them words. Maybe if they were paid for being concise we would make some progress on cutting red tape.

72/73,

Steve, N4EUK
Reston, VA

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997

From: Matt <cnw@HiWAAY.net>
Subject: [11611] Re: Jan Crystals
Message-ID: <3300043B.29D2@HiWAAY.net>

Dave Fifield wrote:
>
> Could one of you kindly souls please point me in the general direction
> of Jan Crystals, I've lost their address/phone/email id again!!!
>
> Also, if you know of any other places that make custom crystals at
> reasonable prices and quickly (time is of the essence here), then I'd be
> delighted to receive their information too.
>
> Thanks es 72, de Dave Fifield, KQ6FR
> fifield@pacbell.net
Hey Dave,
    This is Matt. The number for Jan Crystals is 1-800-526-9825. The address is Jan Crystals
           2341 Crystal Drive
           P.O. Box 60017
           Fort Myers, FL 33906-6017
I don't have their email address. Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [11601] Re: Logging programs
Message-ID: <3.0.16.19970210173406.26872d82@mail.lightside.com>

John:

For an FTP site: oak.oakland.edu/pub/hamradio, look for the logging directory.

At 19:42 2/10/97 -0500, NJBIRDMAN Wrote
>Just wondered what some of your favorite logging programs are, both for
>day-to-day and the QRP contests? I have used Hyperlog for almost 10 years.
>It is a bit cumbersome, and does not support contest logging. Anyone have
>any real favorites? (ftp sites would be nice). I'm looking for something
>that will run on an HP200LX for Field Day, etc, besides daily use.

Dan Hogan
    West Covina, CA
    dhhogan@lightside.com

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: drowe@juno.com (david o rowe)
Subject: [11635] Re: Logging programs
Message-ID: <19970211.052432.9206.0.drowe@juno.com>

On Mon, 10 Feb 1997 19:42:13 -0500 NJBIRDMAN <jsielke@pobox.com> writes:
>Just wondered what some of your favorite logging programs are, both
>for
>day-to-day and the QRP contests? I have used Hyperlog for almost 10
>years.
>It is a bit cumbersome, and does not support contest logging. Anyone
>have
>any real favorites? (ftp sites would be nice). I'm looking for
>something
>that will run on an HP200LX for Field Day, etc, besides daily use.
>
>   _ _ _ _   _ ___   John L. Sielke n4js@amsat.org
>n4js@pobox.com
> | \| || | | _ | |/ __| n4js@n4js.ampr.org JN Grid:FM29LN
> | .` ||_ _|| || |__ \   http://www.pobox.com/~n4js
> |_|_| |_| __/ |___/   NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
>NE-QRP
>#507
>   G-QRP #9544 Norcal
>#????
>QCWA Life Member
>
>
>
>
hi john,
i like log eqf about as well as any i've used here. It is simple and
supports many of the contests.
73 dave kc1di

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Bill Morris Denton <bdenton@tenet.edu>
Subject: [11643] Re: Logging programs
Message-ID: <Pine.OSF.3.91.970211084316.31714B-100000@francis.tenet.edu>

Log-eqf is the only loggin program as far as I'm concerned. Iv'e tried
most of them.   I have it

connected with SAM data base. It's no brainer to use, and it controls my
radio
if I so chose. It does contest. Best of all you can call N3EQF on phone
and talke to him about problems. He has a webb site but don't remember
addr. but if you do a search on N3EQF it will pull up.

On Tue, 11 Feb 1997, david o rowe wrote:

>
> On Mon, 10 Feb 1997 19:42:13 -0500 NJBIRDMAN <jsielke@pobox.com> writes:
> >Just wondered what some of your favorite logging programs are, both
> >for
> >day-to-day and the QRP contests? I have used Hyperlog for almost 10
> >years.
> >It is a bit cumbersome, and does not support contest logging. Anyone
> >have
> >any real favorites? (ftp sites would be nice). I'm looking for
> >something
> >that will run on an HP200LX for Field Day, etc, besides daily use.
> >
> >   _ _ _ _   _ ___   John L. Sielke n4js@amsat.org
> >n4js@pobox.com
> > | \| || | | _ | |/ __| n4js@n4js.ampr.org JN Grid:FM29LN
> > | .` ||_ _|| || |__ \   http://www.pobox.com/~n4js
> > |_|_| |_| __/ |___/   NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
> >NE-QRP
> >#507
> >   G-QRP #9544 Norcal
> >#????
> >QCWA Life Member
> >
> >
> >
> >
> hi john,
> i like log eqf about as well as any i've used here. It is simple and
> supports many of the contests.
> 73 dave kc1di
>
>

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Len W. Touth" <len@infinet.com>
Subject: [11619] Re: mobile qrp
Message-ID: <199702110455.XAA26401@mail1.infinet.com>

Yep,

My code speed went up big time when I started mobile CW. I did not do the notepad thing. I made it a point to remember calls and names by memory only. Mobile CW forced me to copy morse in my head. After about 3 months of that, I no longer used paper and pencil at all -even in my shack.

CW Mobile is FB. CW QRP/M is VRY FB. It's amazing how easy it is to make contacts with 5 watts to a whip while mobile.

DE KG8SF/QRP/M   Dit Dit

Best 72/3
Len
KG8SF
len@infinet.com   kg8sf@key.com

QRP-L # 841   CQrp # 2   ARCI # 9025   FISTS # 2134

       CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp
           Web Page: http://www.infinet.com/~len

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [11633] Re: more propagation newsy news...
Message-ID: <199702110718.CAA05985@alaska.magpage.com>

At 03:52 PM 2/10/97 -0700, you wrote:
>The forcast is for the coronal mass ejection to hit the earth February 11
>UT, or tonite to tomorrow night. A minor geomagnetic storm is forcast,
>with Planetary A index rising to 30. An auroral alert was also issued;
>possibility of aurora visibility down to Northern Nebraska...sounds like
>another exciting nite for our Alaska friends (with no propagation support
>:-(

No wonder.   You know that HF enhancement that happens for about 6-8 hours before the bands die? Well it hit this afternoon. The Middle East stations on 9.855 amd 9.870 MHz were up 40 dB over yesterdays levels and then some

unusual flutter started just before the end of the monitoring time. I use these stations every day to check 30M band condx into Europe just before grey line. Experience shows that the downside of these events about equals the upside just before it arrives.   Huummm, what's 40 dB below 339?

Don't forget to look for K5FO and VE3JC tonight (TUE) under these conditions.

Jim K3QIO Delaware

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Matt <cnw@HiWAAY.net>
Subject: [11612] Re: NC38S
Message-ID: <33002734.4D02@HiWAAY.net>

Tony Fishpool wrote:
>
> Greetings all,
>
> Having seen no postings to the contrary I would like to claim the
> first British 38 Special to get on the air. This afternoon I worked
> OK1DLY on a basic NC38S with no 5w P.A. This chap LADA
> gave me 559 which I thought was quite generous. My antenna
> incidentaly is a doublet, beams are something I may fantasize
> about during the odd moment.
>
> Like a few others have reported, I had to take a single turn off T1
> so as to get two peaks and shorting out R24 helped the audio
> greatly.
>
> I saw the postings about winding wire around the 4.7uH choke to
> increase the swing. I must admit to have found the explanations
> hard to visualise, but I had a idea where they were going. I have
> reproduced my solution and it can be found at URL:-
>
> http://ourworld.compuserve.com/homepages/g4wif/nc38s.gif
>
> I imagine this is what others have done but would appreciate
> confirmation.
> Like folk have said, if you end up with less frequency swing, you
> have wound it in the wrong direction. I achieved a swing of
> 10.108 to 10.130.
>
> I have had no end of fun building this little rig. Ted G0ULL is
> not far behind, Steve G0TDJ has just become a dad (and is therefore
> a little distracted) and Graham G3MFJ is held up by work

> on his local theatres annual pantomime. (This is traditional
> English theatre, where the leading man is actually a girl, and one
> of the principle ladies parts is always a bloke in drag. No wonder
> our national psyche is what it is!) So there are more Brit. NC38's to come.
>
> So thanks to NORCAL (Doug, Jim et al) for producing a great
> kit at a great price. More fun than something else I used to
> do, (memory being the second thing to go, can't remember the
> first thing).
>
> 72
>
> Tony - G4WIF
>
> p.s. if anyone would like to send a new (first time) dad a congrats message
> Steve's at stevesm@zoo.co.uk   I know he would get a kick out of it.
     Hey Tony,
Congrats on the 38 Special. I will stop buy and take a look at your
files Tony. I would like to take a look and do some mods to mine. What
is the deal with R24? Do you take out the resistor and just put a wire
in its place or do you short it to ground. I'm sending Steve a congrats
message. I must of must of missed it, but is it a boy or a girl?
Mine covers from about 10.110 or 10.111 to about 10.126 or so. I would
like to get it to cover down to about 10.106 or around. So congrats
on the NC38S Tony. Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: jim hale <kj5tf@mctc.com>
Subject: [11646] re: Need Good 30 Meter Antenna
Message-ID: <3300A11F.72B3@mctc.com>

Brian, if you can, build a half square. Less QRM than a vertical, no
radials and GAIN in two directions. Its not hard to build or hang.
They are very forgiving even if the bottom ends almost touch the ground.

A half square is, 50 Ohm direct coax feed. At the feed point the coax
center conductor runs a half a wave length, (48' 6") horizontal. Then at
the far end it drops down vertical 1/4 wave abt 25'. This wire is 3/4
wave long.
Next at the feed point, the coax braid connects to another 1/4 wave wire
hanging down 25'. This antenna only needs two trees or other tie off
points. The gain is broadside.
I went further and shortened my 30M half square 30%. To do this I wound
#14 insulated house wire 9.5 turns on a 2" PVC form. One end of the coil

, the top end is 6.48' and the bottom end wire is abt 10.7' long.
This reduced the length of my vertical wires by abt 8' ! Now there well
off the ground, and not a hazzard. Tie off the bottom ends, and attach a
small weight so the ends dont blow up in branches. Been there, done that.
This antenna is FB for DX as its takeoff angle is very low. gl, de Jim

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [11676] Re: Pin Switch Mod - what happened to it?
Message-ID: <199702111803.MAA15951@multi13.netcomi.com>

Len --

I don't think that it ever made it to the NorCal web page. Jerry has done
a superlative job of collecting all the info on the NC38S and putting it
together on the web page, but, like the rest of us, he has a job and a
family, too. The mods have come so fast and furious that even Jerry can't
keep up!

Unfortunately, the PINswitch mod won't help the thumping. The thump comes
from the 4066 circuit.

I have separately sent you a copy of the modification instructions. Please
pass them on to whomever needs them.

Mike K1MG

>
> I was considering doing Mike Gipe's Modification to PIN Switch to see if
> it would help the thumping. Sounds like a solution to me.
>
> I noticed that it has been removed from the NORCAL mod list. Anybody
> know why?
> KG8SF

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [11673] Re: question on 38S thump
Message-ID: <199702111744.LAA15079@multi13.netcomi.com>

Charlie --

No, the 10K did not fix the problem, according to those who tried it. The problem (if it is a problem) is a little more complicated, I guess. Although I had to set it aside for a while to work on my real job (:-(, others have been working on finding the source of the thump. It does originate somewhere near the 4066. The folks working on it seem to be real close, but I haven't heard about any more progress in the last week.

We'll get it. It just may take a few weeks. In the meantime, there's that 38S DXCC challenge....

Mike K1MG

> K1MG de W6JJZ
>
> Hi Mike,
>
> I'm doing some finishing touches on my NC38S--esp the thump/click problem.
>
> Awhile ago on qrp-l, you suggested increasing R7 to 10K or 20K, but I
> don't believe I saw any follow-up on the suggestion. (Tho I may have
> missed it.)
>
> My question--did you find that the change actually helped?
>
> Thanks.
>
> 72/73,
>
> Charlie, W6JJZ
> clofgren@benson.mckenna.edu

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [11670] Re: recent discoveries about transistors
Message-ID: <19970211.102519.9934.4.gsurrency@juno.com>

Nils,

With the jumper for C101 removed, there should be about
10.2K measured from R104 or from the gate of Q2 to ground,
i.e., only the resistance of R102 + R103 to ground. Q2 has
essentially inifinite input resistance, unless it shorts. 20 ohms

on yours? Sacre' Bleu!

Sounds like you might have blown the IRF510. Make sure to handle
it with ESD precautions, i.e., don't touch the leads and use a wrist
grounding strap. The insulated gate is easily destroyed. Install it
last, or at least after R102, R103, R104 are installed, as they will
protect the gate. Is your solder iron tip grounded? MOSFETS
expire quickly at the first sign of ESD badgers! ;-)

Some of the Weller irons I used to use had so much tip leakage
they would blow out almost any FET, and certainly any MOSFET.
Heat it up good and then unplug it to solder the leads. Use a 3 wire
grounded iron or test the tip-to-ground potential. Another good
protection method is to leave the conductive foam on while you
solder the device. Or, you can wrap fine bare wire around all the leads
until it is soldered into place. Just don't forget to remove it before
powering on! See below.

You DID installed R102, R103, and C102, didn't you? They need to be
there to pull the gate to ground so Q2 gets cut off with no drive.
Unless your 74HC240 is bad, Q2 should not conduct on receive
unless there is a wiring error, solder bridge, etc. I have noticed with
2N7000s, that they will latch-up quite easily unless there is a
resistor to ground to remove the gate charge. Same here.

If (or when) the smoke is released from the IRF510, cut off its leads (!)
to
make it easier to desolder. without trashing the board. Then reach for
the Solder Sucker. Much easier that way, and then you can properly
perform the last rites for it's passage into the next reality. (toss it,
while
reciting appropriate obscenities #!@*)

Aren't you glad Radio Shack carries these things? I bet R/S is wondering
why there is a such a demand for so many IRF510s !

Somebody needs to go over there and help Nils chase beaucoup
badgers away, nes 'pa? ;-)

Does your ferrite bead conceal evil spirits? Have you displeased the QRP
gods? Is it full moon (yet)?

Good luck, mon 'ami.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [11678] Re: recent discoveries about transistors
Message-ID: <Roam.3.0.1.855685184.25091.myers@bigboy>

Gary wrote:

> Sounds like you might have blown the IRF510. Make sure to handle
> it with ESD precautions, i.e., don't touch the leads and use a wrist
> grounding strap. The insulated gate is easily destroyed. Install it
> last, or at least after R102, R103, R104 are installed, as they will
> protect the gate. Is your solder iron tip grounded? MOSFETS
> expire quickly at the first sign of ESD badgers! ;-)

I've never had a problem with the power MOSFETs - they have fairly
large gate capacitances, which make them harder to fry. I'm probably
being too hairy chested, but I handle power MOSFETs like bipolar
devices. I've only ever fried them after they were in the circuit and
the power was applied ;-)

Now, with that said, Gary is correct - they *are* ESD sensitive and,
if you don't have a stock of them sitting around like I do, frying
one can be a real pain in the butt, so precautions are reasonable.
My real point is you don't have to sweat when you're handling
power MOSFETs.

Dana K6JQ
Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [11699] Re: recent discoveries about transistors
Message-ID: <19970211.140759.11302.0.gsurrency@juno.com>

Dana H. Meyers wrote:

>I've never had a problem with the power MOSFETs - they have fairly
>large gate capacitances, which make them harder to fry.

This device has only 135-150pf gate capacitance. That's pretty easy
to "charge" with a strong static build-up. Damage may result if the

gate-to-source voltage exceeds only 20v.

>I've never had a problem with the power MOSFETs - they have fairly
>large gate capacitances, which make them harder to fry. I'm probably
>being too hairy chested, but I handle power MOSFETs like bipolar
>devices. I've only ever fried them after they were in the circuit and
>the power was applied ;-)
>
>My real point is you don't have to sweat when you're handling
>power MOSFETs.

That may be true, but the humidity is so low in the winter here in AZ, I can light fluorescent lights with my fingertips after walking across the carpet! It can be quite painful!

Besides, when I worked at Harris Semiconductor, I did a series of lab tests to determine ESD failures of some of their parts. You would be quite amazed to see what 1200-2000 V can do to semiconductors. I particularly remember some micro-photographs I took of "exploded bond pads". Your hands can develop much more static charge than that on a dry day, even if you just slide your rear-end on the chair a little!

Small amounts of ESD damage can accumulate, with small leakages growing into larger ones, reduced performance, or later failures. Although power MOSFETS may be a little more rugged that a 40673 MOSFET, you should treat them the same way when handling them. You WILL pay if you're not too careful with static-sensitive components, if you catch my drift. ;-)

I see a place for a protective zener diode on the PCB designated as ZD101. Perhaps it didn't work out in the final (!) design, but that is a typical safety device for power MOSFETS. My Summit Products Nicad battery charger uses the same IRF510 device and has a 15v 1N4744 to protect its gate pin.

Maybe Ori can explain why the zener was omitted in the kit, tho' I suspect it was deemed un-necessary or caused problems in the PA stage. Note the IRF510 maximum ratings show 20v gate-to-source.

Thanks for the alternate view, Dana. But I'll still treat 'em like the insulated gate field effect devices they are. The gate insulating layer is VERY thin. :-)

It doesn't hurt to be too careful, what with all those badgers around.

73.

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [11604] Re: Repair Contest Entrants
Message-ID: <199702110305.VAA15357@admin.inetport.com>

OH Geez...

What has my big mouth (fingers) got my fat butt
into now????

Ought to be fun.... All we can do is learn....

Larry

KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89
ex: KN8OSG K8OSG(1959-1967 MI) W6HED(1967-1968 Ca) W4ZTB(1968-1978 Fl)

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: GREGOIRE@endor.com
Subject: [11667] RE: scaf vs. dsp vs. active filter??
Message-ID: <Chameleon.970211114319.GREGOIRE@Gregoire.endor.com>

Hello Gang,

I believe the scaf on my Index Labs QRP++, used in combination
with the RF gain modification is far supirior to a plain ole
DSP.

I have a Time Wave (early version), and it is good, but not as
good as the rf gain, scaf combo.

I use the rf gain controle often with the 870 and use the
AF gain for boosting the audio to make up for the
lower signal strenght.
---
de AA1IK,   Lead by example.
Ernie Gregoire

                        It is better to pull a string,
                        than to push it.
R.R. 1, Box 221,
South Rd.   Fists # 2644, N.E.QRP # 202
Canaan, NH. 03741   QRP-L # 95, Fly fisher & tier,
                        Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

02/11/97 11:37:43

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [11692] Re: scaf vs. dsp vs. active filter??
Message-ID: <3300D9D3.2587@rakefet.com>

Dave Siegrist d225-6493 11-Feb-1997 1114 -0500 wrote:
>
>
> Hello folks,
>   I need a bit of advice from the group. What are the
> advantages/disadvantages of:
>
>   * active audio filter
>   * scaf filter (OHR scaf)
>   * dsp (Radio Shack...don't have the budget for a fancy one)

I had a RS DSP and now I have an OHR SCAF. I had a problem with the RS that there appeared to be a lot of distortion on CW signals. In the interest of fairness, others said that I was nuts or overdriving the filter; but that was my experience and I do not think I was overdriving it. Maybe I'm just extra sensitive. The SCAF, on the other hand, is very clean. Of course the DSP has an automatic hetrodyne-removing filter which the SCAF does not have; since I'm a CW operator that wasn't important to me.

I don't think you would gain much by cascading them. The audio selectivity that either is capable of is quite high, and you are more likely to have problems with strong adjacent signals activating the AGC or overloading your receiver before the audio filters than you are to needing more audio selectivity.

Vic K2VCO

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [11688] Re: Signal on 10.116
Message-ID: <3300CDCF.55C@dancris.com>

At 1950Z 2/11 that signal is S-9+ here near Phoenix.
--
72/73 de Roger N7KT   Mesa, AZ   Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099   CoQRP 176 QRP-L 62   G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "John A. Evans - N3QOO" <jaevans@cos.cst.titan.com>
Subject: [11690] Re: Signal on 10.116
Message-ID: <199702112004.PAA71976@nss2.CC.Lehigh.EDU>

> At 1950Z 2/11 that signal is S-9+ here near Phoenix.

Someone probably has their logbook pushed up against their key, or
maybe they fell asleep at the key - pray forbid it is a silent key
who is not silent !

john

John A. Evans   Chief System Administrator
Office: (719) 528-1800 x164   Titan Client/Server Technologies
Fax: (719) 528-1275   1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp   #15   NJ-QRP #50   AK-QRP   #52   NW-QRP #454

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [11691] Re: Signal on 10.116
Message-ID: <199702112022.OAA13457@admin.inetport.com>

112018Z   10116.90KHZ S7 down to S1 QSB here in central Texas...

Not bad keying.....

KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89
ex: KN8OSG K8OSG(1959-1967 MI) W6HED(1967-1968 Ca) W4ZTB(1968-1978 Fl)

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [11697] Re: Signal on 10.116
Message-ID: <19970211.140800.11302.1.gsurrency@juno.com>

On my ARK30, I read it about S9 (ear s-meter) and about 10.116.9 MHz.

Had to go look to make sure it wasn't me!

Now, if we knew where it orginates we could have a good beacon
report going on!

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [11698] Re: Signal on 10.116
Message-ID: <Pine.SOL.3.91.970211161617.2234B-100000@hyper>

On Tue, 11 Feb 1997, Roger Hightower wrote:

> At 1950Z 2/11 that signal is S-9+ here near Phoenix.
> --
About S5 with QSB at 2110Z in Fort Lauderdale. Cat knocked someone's
paddle on the floor and shorted on dah side?

Bob Patten, N4BP

Plantation, FL
n4bp@shadow.net

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [11715] Re: TenTec 1340 Update
Message-ID: <3300F46A.BE8@edcen.ehhs.cmich.edu>

Chuck, I am just finishing up my TT1340 here. After reading your original report and checking around on pricing, the TT is a gud bang for the dollar.

I do think you were "too" kind when you indicated the board was hard to read and the white lettering was wearing on the eyes after a few hours of assemble time. So far everything on this kit is top quality but the board is not up to TT standards.....by far. I've had two traces fall off or break on my board and that was in an area where no work or parts were placed! What gives here?

I also don't like the solder/un-solder testing stages. This board is small enough without messing it up with solder testing. What about some test points on top of the board?

I'll keep you posted as I am now just going into Phase 5.0 tonite!

Gary/N8AYY
Manchester,MI

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: n4js@amsat.org
Subject: [11701] RE: The "T" Beacon :-)
Message-ID: <XFMail.970211163529.n4js@amsat.org>

On 11-Feb-97 Nick Franco expounded:
>I know - that signal you're all talking about is the new "T" beacon
>designed for a qrp-l propigation study :-) If I wasn't at work, I'd go
>to the car and see if I could hear it here on LI. Would be interesting
>to see the sheet on the report from all over the qrp-l world on this
>signal.

Well, it's still S9 here in S.NJ.

2140Z

Sent at 16:35:29 on 11-Feb-97

 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.pobox.com/~n4js
|_|_| |_| __/ |___/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 Norcal #???? QCWA Life Member

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [11702] RE: The "T" Beacon :-)
Message-ID: <Roam.3.0.1.855697794.20385.myers@bigboy>

>
> On 11-Feb-97 Nick Franco expounded:
> >I know - that signal you're all talking about is the new "T" beacon
> >designed for a qrp-l propigation study :-) If I wasn't at work, I'd go
> >to the car and see if I could hear it here on LI. Would be interesting
> >to see the sheet on the report from all over the qrp-l world on this
> >signal.
>
> Well, it's still S9 here in S.NJ.
> 2140Z

Hey, I just heard it stop for a while, start briefly and stop again.
It sure doesn't sound malicious, it sounds more like something leaning
against the paddle... Also heard W5SNT working folks ....

Dana K6JQ
Dana@Source.Net
North Los Angeles County

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [11708] RE: The "T" Beacon :-)
Message-ID: <v01540b04af269cc7ec43@[157.142.56.167]>

Just out of curiousity, I called up 10.116 on the Web controlled Drake R8
located in VA (http://www.chilton.com/scripts/radio/R8-receiver). No
problem copying the "T." Since I am at work, I have no idea whether we can
hear it in OK.

Mike N5JKY
Edmond, OK

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: n4js@amsat.org
Subject: [11683] RE: TREE MOUNT SUGGESTIONS
Message-ID: <XFMail.970211142738.n4js@amsat.org>

On 11-Feb-97 CHARLES P. SAMMUT expounded:
>

>I would appreciate any suggestions regarding ways to
>securely mount the pulley to the tree. The
>suggestions I have so far received are:
>
>1. dacron rope wrapped around the tree above a sturdy set of limbs;
>2. a rubber garden hose having within it a flexible cable such as
>   that used for locking bicycles to posts, etc; and
>3. a large eyelet screw inserted into the tree.
>4. a nail
>5. a very large stainless steel hose clamp.
>
>Thanks.
>

Use #3. Anything AROUND a limb or the trunk will eventually have the tree gow around it, and it will cut into the cambium layer, killing the tree above the stricture. The eyelet screw will do the least long-term damage to the tree.

>73/72
>Charles
>K8MI
>cps@limbach.com
>QRP-L #42
               Sent at 14:27:38 on 11-Feb-97

    _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
   | \| || | | _ | |/ __| n4js@n4js.ampr.org NJ Grid:FM29LN
   | .` ||_ _|| || |__ \   http://www.pobox.com/~n4js
   |_|_| |_| __/ |___/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
   NE-QRP #507 G-QRP #9544 Norcal #???? QCWA Life Member

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [11703] Re: Unusual Offer
Message-ID: <19970211.145047.11302.2.gsurrency@juno.com>

Marshall, do these include the grounding lead, or only
the wrist strap?

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [11720] Re: Voltage regulation principles
Message-ID: <Roam.3.0.1.855705171.4515.myers@bigboy>

Marty Watt wrote:

> I'd like to learn a bit about voltage regulator circuits, by
> modifying my CMOS SuperKeyer II. Yet, I don't want to fry it!
>
> Currently, it runs on 3 AA 1.5 V batteries. I'd suppose that places
> the actual voltage requirements around 3-4.5 VDC.
>
> Can I put a 5V regulator in line and run it off of a 9V source?
> What else would I need to make this work?

Well, you *can* use a regulator like a 78L05, but the regulator
draws quite a bit of current by itself and will run the 9V battery
down pretty quickly.

If you need a really compact battery, try using three AAA cells in
series. Taped together they take up about the same space as a 9V
battery.

The 68HC705 (that the SK II is based on) is rated for operation from
3.0V to 5.5V.

Dana K6JQ
Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: Steve Hideg <Steve.Hideg.1@nd.edu>
Subject: [11638] Re: Where can I look up callsigns?
Message-ID: <v03007802af260d27726a@[129.74.251.131]>

At 1:23 AM -0500 2/11/97, QRPDave@aol.com wrote:
>Friends:
>   I have heard rumor that somewhere there is a location on the internet
>where I can look up callsigns. There are so many of these vanity callsigns
>and changes that my QRZ CD is out of date before I put it in my computer.
> Can anyone help? QRPDave@AOL.com

There are links to various callsign servers on the HamLinks page of the
Internet QRP Club's web site:

     <http://qrp.cc.nd.edu/qrp-l/>
     <http://qrp.cc.nd.edu/qrp-l/hamlinks.html>

--Steve

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: drowe@juno.com (david o rowe)
Subject: [11639] Re: Where can I look up callsigns?
Message-ID: <19970211.071336.9158.0.drowe@juno.com>

qrp dave wrote:
On Tue, 11 Feb 1997 01:23:46 -0500 (EST) QRPDave@aol.com writes:
>Friends:
>   I have heard rumor that somewhere there is a location on the
>internet
>where I can look up callsigns. There are so many of these vanity
>callsigns
>and changes that my QRZ CD is out of date before I put it in my
>computer.
> Can anyone help? QRPDave@AOL.com
>
>
hi dave you can lookup callsigns by e-mail at lookup@qrz.com, leave

subj. block blank, in the body of the message should look as follows

lookup (Callsign)

a seperate line is needed in the text for each callsign you want to
lookup.
73 good hunting , dave kc1di

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: launerb@crl.com (William H. Launer)
Subject: [11659] Re: Where can I look up callsigns?
Message-ID: <v01530500af264e5a8bef@[192.0.2.1]>

If you have a web browser, use the following URL:

http://www.qrz.com/cgi-bin/webcall

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279   qrp arci #3551
Grid Square EM48RT

From owner-qrp-l@Lehigh.EDU Tue Feb 11 18:12:31 1997
From: "KF4MZD (John Kemker)" <kemkerj@xyzzy.net>
Subject: [11710] Re: Where can I look up callsigns?
Message-ID: <199702112337.SAA11910@www.xyzzy.net>

On 11 Feb 97 at 1:23, QRPDave@aol.com wrote:
> Friends:
>   I have heard rumor that somewhere there is a location on the
>   internet
> where I can look up callsigns. There are so many of these vanity
> callsigns and changes that my QRZ CD is out of date before I put it
                                ^^^
> in my computer.
> Can anyone help? QRPDave@AOL.com
>

You almost answered your own question:

http://www.qrz.com

That's the place!

==========
73 de KF4MZD (John Kemker)
kemkerj@xyzzy.net
Grid Square: EM73vt
QRP-L Number: 974